

INDEX

S.No.	Date	Name of the Experiment	Page No.	Marks Awarded	Remarks
1.	22-11-24	XHTML Frames.	1-2.		
2.	26-11-24	tables	3-4.		
3.	29-11-24	Hyper links.	5-6		
4.	3-12-24	Registration Forms	7-8.		
5.	6-12-24	External css.	9-10.		
6.	10-12-24	String Processing and Searching methods.	11-12.		
7.	13-12-24	Jquery Events.	13-14.		
8.	17-12-24	PHP with forms. with JScript	15-16.		
9.	20-12-24	math objects. and its Methods	17-18.		
10.	24-12-24	Ajax objects	19-20		
11.	27-12-24	PHP functions.	21-22.		
12.	31-12-24	mysql Server using PHP.	23-24.		

Date :	GATE Educational Institutions	Page No. : /
	1. Frames.	Practical No. :

Problem Statement:

Design a webpage which demonstrate the Concept of frames in html.

Description:

Frames are defined as dividing browser window into sections. Frames are created using `<Frame Set>` tag.

These are different types of frames in html.

1. Horizontal Frames.
2. Vertical Frames
3. Mixed Frames.

Conclusion:

The above script is executed successfully.

Date :	GATE Educational Institutions	Page No. :
frame_a.htm page source code:		Practical No. :

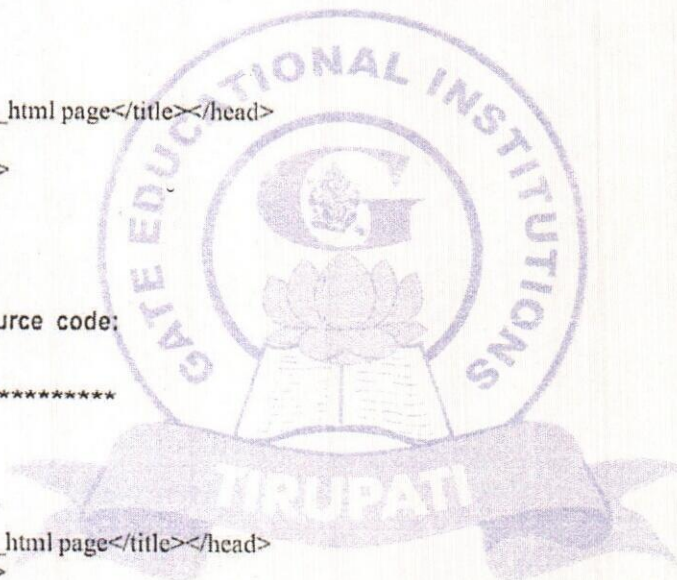
```
<!DOCTYPE html>
<html>
  <head><title>a_html page</title></head>
  <body bgcolor="skyblue">
    <p>Am a.html page</p>
  </body>
</html>
```

frame_b.htm page source code:

```
<!DOCTYPE html>
<html>
  <head><title>a_html page</title></head>
  <body bgcolor="red">
    <p>Am b.html page</p>
  </body>
</html>
```

frame_c.htm page source code:

```
<!DOCTYPE html>
<html>
  <head><title>a_html page</title></head>
  <body bgcolor="green">
    <p>Am c.html page</p>
  </body>
</html>
```



Date :

GATE Educational Institutions

Page No. :

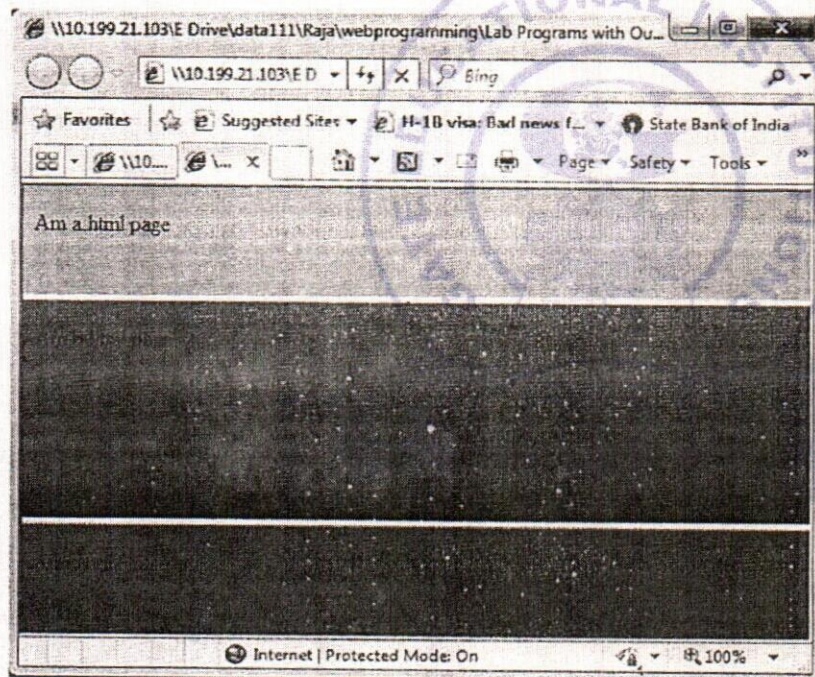
Practical No. :

Source code for Frames:

HorizontalFrames.html

```
<!DOCTYPE html>
<html>
<frameset cols="25%,*,25%">
  <frame src="frame_a.htm">
  <frame src="frame_b.htm">
  <frame src="frame_c.htm">
</frameset>
</html>
```

Screen:



Date :

GATE Educational Institutions

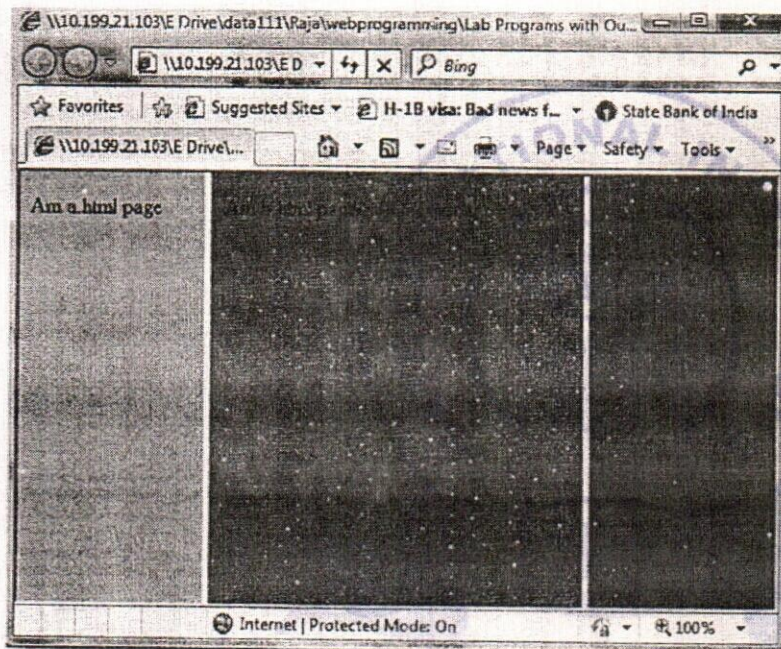
Page No. :

Practical No. :

VerticalFrames.html

```
<!DOCTYPE html>
<html>
<frameset cols="25%,*,25%">
  <frame src="frame_a.htm">
  <frame src="frame_b.htm">
  <frame src="frame_c.htm">
</frameset>
</html>
```

Screen:



Date :

GATE Educational Institutions

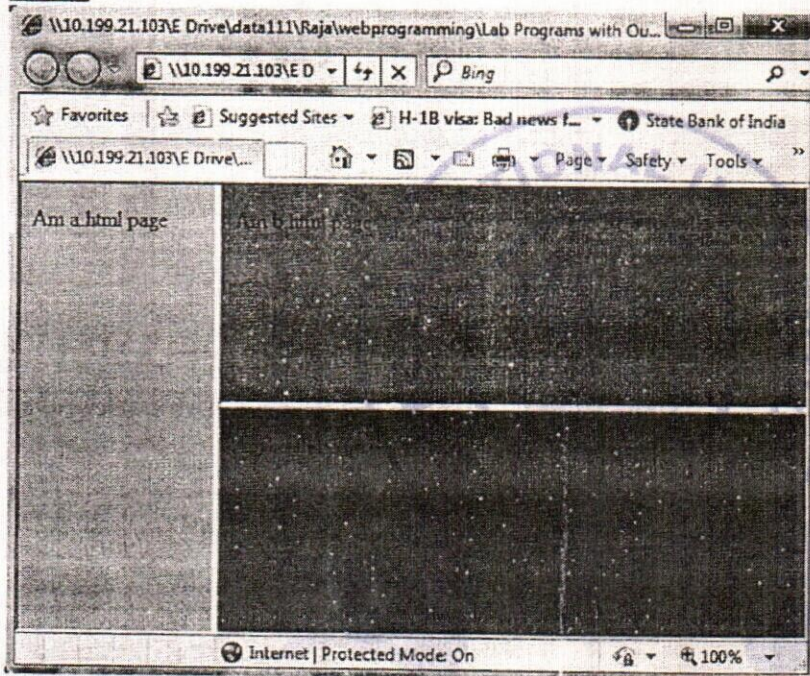
Page No. :

Practical No. :

MixedFrames.html

```
<!DOCTYPE html>
<html>
<frameset cols="25%,*">
  <frame src="frame_a.htm">
</frameset rows="*,*">
  <frame src="frame_b.htm">
  <frame src="frame_c.htm">
</frameset>
</frameset>
</html>
```

Screen



Date :

GATE Educational Institutions

Page No. : 2

2- Tables -

Practical No. :

Problem Statement :

To design a webpage which demonstrate the concept of tables in html.

Description :

Tables are used in structure the piece of information well defined websites uses tables to store the information. Tables are created using `<table>` tag

`<tr>`

`<td>`

`<th>`

`<t foot>`

`<t head>`

`<t body>`

`<t height>`

`< width>`

Conclusion :

The above script is executed successfully.

Date :

GATE Educational Institutions

Page No. :

Source Code

Practical No. :

Simpletable.html

```

<?xml version = "1.0" encoding = "utf-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<!-- Fig. 4.10: table1.html -->
<!-- Creating a basic table. -->
<html xmlns = "http://www.w3.org/1999/xhtml">
<head>
<title>A simple XHTML table</title>
</head>
<body>
<!-- the <table> tag opens a table -->
<table border = "1" width = "40%"
summary = "This table provides information about the
price of fruit">
<!-- the <caption> tag summarizes the table's -->
<!-- contents (this helps the visually impaired) -->
<caption><strong>Price of Fruit</strong></caption>

<!-- the <thead> section appears first in the table -->
<!-- it formats the table header area -->
<thead>
<tr> <!-- <tr> inserts a table row -->
<th>Fruit</th> <!-- insert a heading cell -->
<th>Price</th>
</tr>
</thead>
<!-- the <tfoot> section appears last in the table -->
<!-- it formats the table footer -->
<tfoot>
<tr>
<th>Total</th>
<th>$3.75</th>
</tr>
</tfoot>
<!-- all table content is enclosed -->
<!-- within the <tbody> -->
<!-- insert a data cell -->
<tbody>
<tr>
<td>Apple</td>
<td>$0.25</td>
</tr>
<tr>
<td>Orange</td>
<td>$0.50</td>
</tr>

```


Date :

GATE Educational Institutions

Page No. :

```
<tr>
<td>Banana</td>
```

```
<td>$1.00</td>
```

```
</tr>
```

```
<tr>
```

```
<td>Pineapple</td>
```

```
<td>$2.00</td>
```

```
</tr>
```

```
</tbody>
```

```
</table>
```

```
</body>
```

```
</html>
```

Practical No. :

Screen:

Table caption → **Price of Fruit**

Table header → **Fruit Price**

Table body →

Fruit	Price
Apple	\$0.25
Orange	\$0.50
Banana	\$1.00
Pineapple	\$2.00
Total	\$3.75

Table footer → **Total \$3.75**

Table border →

Date :

GATE Educational Institutions

Page No. :

Complexable.html

Practical No. :

```
<?xml version = "1.0" encoding = "utf-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```

```
<!-- Fig. 4.11: table2.html -->
<!-- Complex XHTML table. -->
<html xmlns = "http://www.w3.org/1999/xhtml">
<head>
<title>Tables</title>
</head>
```

```
<body>
<h1>Table Example Page</h1>
```

```
<table border = "1">
<caption>Here is a more complex sample table.</caption>
```

```
<thead>
<!-- rowspans and colspans merge the specified -->
<!-- number of cells vertically or horizontally -->
```

```
<tr>
<!-- merge two rows -->
<th rowspan = "2">
<img src = "camel.gif" width = "205" height =
"167" alt = "Picture of a camel" />
</th>
```

```
<!-- merge four columns -->
```

```
</tr>
<tr>
<th># of Humps</th>
<th>Indigenous region</th>
<th>Spits?</th>
<th>Produces Wool?</th>
</tr>
```

```
</thead>
```

```
<tbody>
```

```
<tr>
<th>Camels (bactrian)</th>
```

```
<td>2</td>
```

```
<td>Africa/Asia</td>
```

```
<td>Yes</td>
```

```
<td>Yes</td>
```

```
</tr>
```

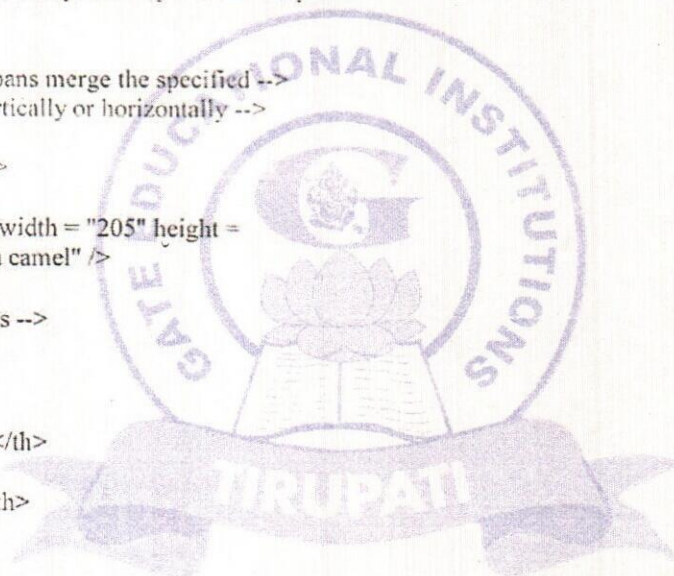
```
<tr>
```

```
<th>Llamas</th>
```

```
<td>1</td>
```

```
<td>Andes Mountains</td>
```

```
<td>Yes</td>
```



Date :

GATE Educational Institutions

Page No. :

Practical No. :

<td>Yes</td>

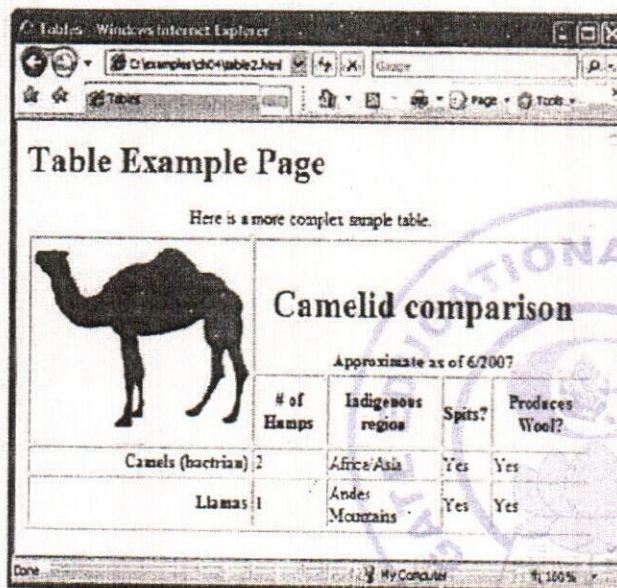
</tr>

</tbody>

</table>

</body>

</html>

Screen:

Date :

GATE Educational Institutions

Page No. :

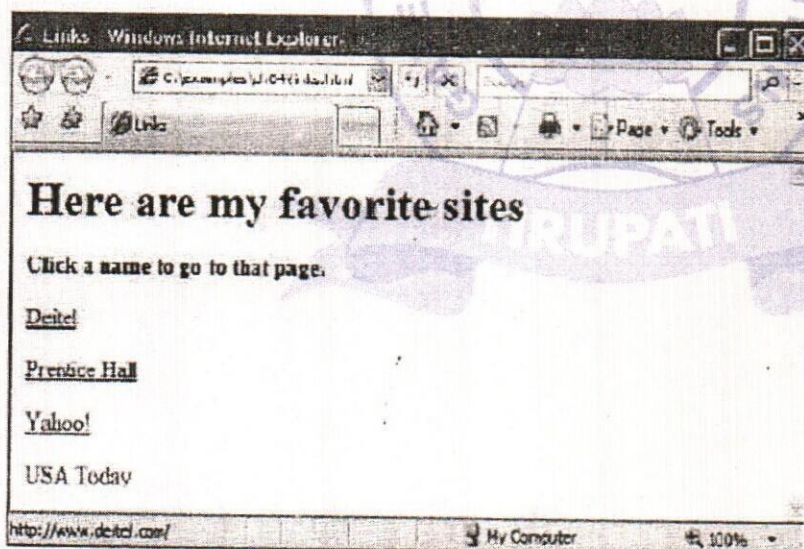
Practical No. :

Source code:

External.html

```
<?xml version = "1.0" encoding = "utf-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<!-- Linking to other web pages. -->
<html xmlns = "http://www.w3.org/1999/xhtml">
<head>
<title>Links</title>
</head>
<body>
<h1>Here are my favorite sites</h1>
<p><strong>Click a name to go to that page.</strong></p>
<!-- Create four text hyperlinks -->
<p><a href = "http://www.deitel.com">Deitel</a></p>
<p><a href = "http://www.prenhall.com">Prentice Hall</a></p>
<p><a href = "http://www.yahoo.com">Yahoo!</a></p>
<p><a href = "http://www.usatoday.com">USA Today</a></p>
</body>
</html>
```

Screen:



Date :	GATE Educational Institutions	Page No. : 3
	3. Hyper Links -	Practical No. :

Problem Statement:

To design a web page which demonstrate the concept of hyper links.

Description:

A link between two webpages are hyper links. Hyper links can be created using `<a>` anchor tag. `<a>` tag can take `href` attribute. In `href` attribute we have to specify address of the destination webpage.

There are different types of hyper links.

1. Internal Links
2. External Links
3. Local Links.

Conclusion:

The above script is executed successfully.

Date :

GATE Educational Institutions

Page No. :

Practical No. :

Internal Linking

Source code:

InternalLinking.html

```
<?xml version = "1.0" encoding = "utf-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<!-- Fig. 4.14: internal.html -->
<!-- Internal hyperlinks to make pages more navigable. -->
<html xmlns = "http://www.w3.org/1999/xhtml">
<head>
<title>Internal Links</title>
</head>

<body>
<!-- id attribute creates an internal hyperlink destination -->
<h1 id = "features">The Best Features of the Internet</h1>

<!-- an internal link's address is "#id" -->
<p><a href = "#bugs">Go to <em>Favorite Bugs</em></a></p>

<ul>
<li>You can meet people from countries
around the world.</li>
<li>You have access to new media as it becomes public:
<ul>
<li>New games</li>
<li>New applications
<ul>
<li>For Business</li>
<li>For Pleasure</li>
</ul>
</li>
<li>Around the clock news</li>
<li>Search Engines</li>
<li>Shopping</li>
<li>Programming
<ul>
<li>XHTML</li>
<li>Java</li>
<li>Dynamic HTML</li>
<li>Scripts</li>
<li>New languages</li>
</ul>
</li>

```


Date :

GATE Educational Institutions

Page No. :

Links

Keeping in touch with old friends

It is the technology of the future!

<!-- id attribute creates an internal hyperlink destination -->

<h1 id = "bugs">My 3 Favorite Bugs</h1>

<p>

<!-- internal hyperlink to features -->

Go to Favorite Features

</p>

Fire Fly

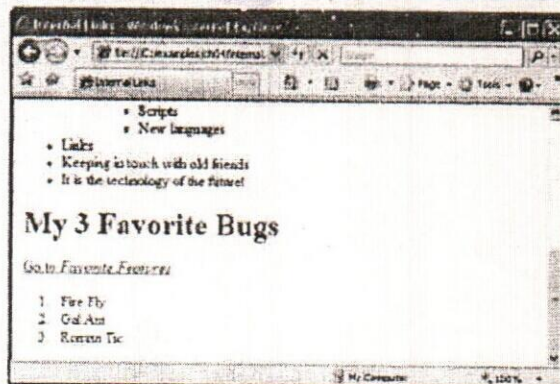
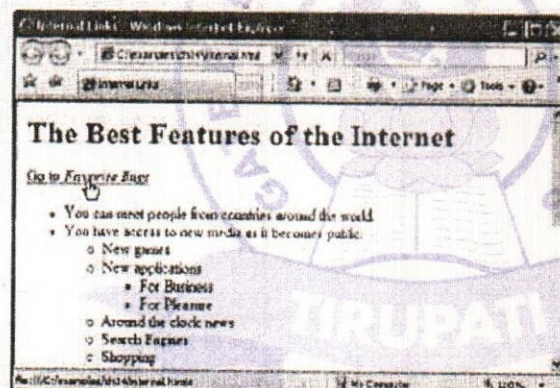
Gal Ant

Roman Tic

</body>

</html>

Screen:



Date :

GATE Educational Institutions

Page No. :

Practical No. :

3.2. Images as Hyperlink

Source code:

ImageAsHyperLink.html

```
<?xml version = "1.0" encoding = "utf-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```

```
<!-- Fig. 4.6: nav.html -->
<!-- Images as link anchors. -->
<html xmlns = "http://www.w3.org/1999/xhtml">
<head>
<title>Navigation Bar</title>
</head>
```

```
<body>
```

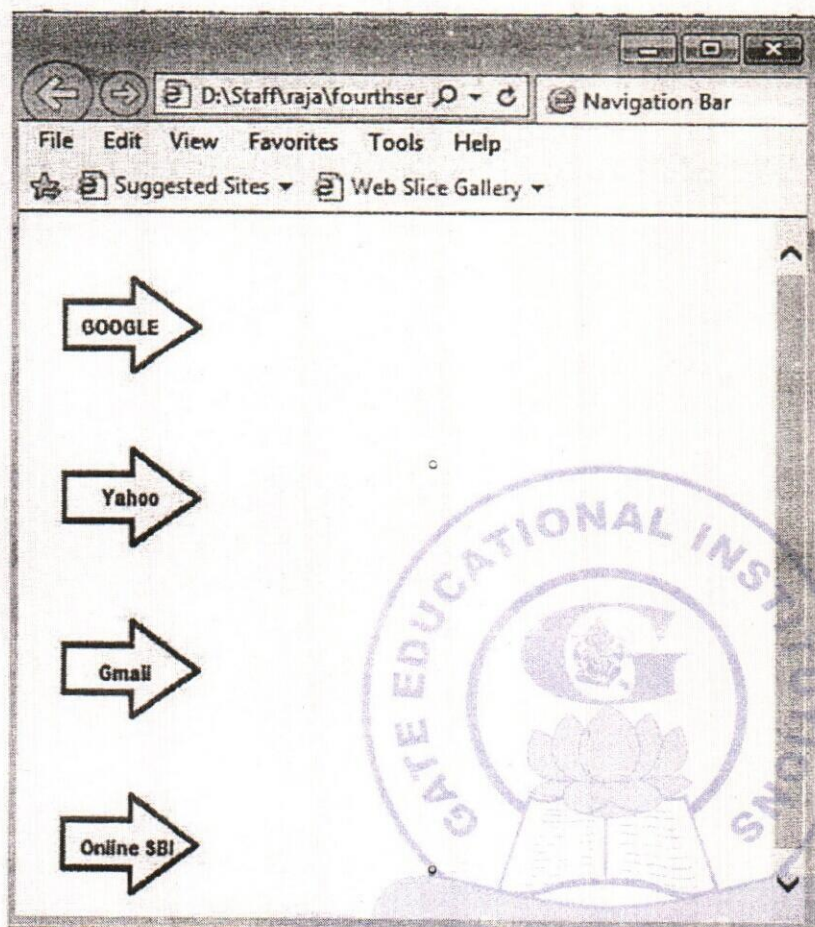
```
<a href = "http://www.google.com">
<img src = "google.jpg" width = "100"
height = "100" alt = "Google Page" />
</a><br />
<a href = "http://www.yahoo.com">
<img src = "yahoo.jpg" width = "100"
height = "100" alt = "Yahoo Example Page" />
</a><br />
```

```
<a href = "http://www.gmail.com">
<img src = "gmail.jpg" width = "100"
height = "100" alt = "Gmail Page" />
</a><br />
```

```
<a href = "http://www.onlinesbi.com">
<img src = "onlinesbi.jpg" width = "100"
height = "100" alt = "Online SBI Page" />
</a><br />
```

```
</body>
</html>
```


Date :	GATE Educational Institutions	Page No. :
Screen:		Practical No. :



Date :	GATE Educational Institutions	Page No. : 4
	4. Forms.	Practical No. :

Problem Statement:

To design registration form using HTML and CSS.

Description:

Forms allows site visitors to enter the data into fields and send it to server for processing.

Forms can be created using `<form>` tag. `<form>` tag can take the following attributes.

method
name
serveral.

The following are the different types of form controls.

text boxes
check boxes
Radio buttons
select boxes.

Conclusion:

The above script is executed successfully.

Date :	GATE Educational Institutions	Page No. :
Source Code:		Practical No. :

RegistrationFrom.html

```

<?xml version = "1.0" encoding = "utf-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<!-- Fig. 4.1: main.html -->
<!-- First XHTML example. -->
<html xmlns = "http://www.w3.org/1999/xhtml">
<head>
    <title>Registration Form</title>
    <link rel="stylesheet" type="text/css" href="reg.css" />
</head>
<body>

    <form>
        <div>
            <h1>Registration Form</h1>
            <p>Username *: <input type="text" name="username"
placeholder="Enter Username"/></p>
            <p>Password *: <input type="password" name="pwd"
placeholder="Enter Password"/></p>
            <p>Surname *: <input type="text" name="surname"
placeholder="Enter Surname.."/></p>
            <p>Other Names *: <input type="text" name="names"
placeholder="Enter Othernames"/></p>
            <p>Date of Birth *: <input type="text" name="dob"
placeholder="Date of birth in dd/mm/yy format"/></p>
            <p>Email *: <input type="text" name="email" placeholder="Enteryour
email..." />Ex:abc@gmail.com</p>
            <p>Telephone: <input type="text" name="tel" placeholder="Entertelephone
number"/>Ex: 08579 - 7854555</p>
            <p>Address *: <textarea name="address" value="Enter address
here..."></p>
            <p>Post Code *: <input type="text" name="pte" placeholder="Enteryour
pin code here"/>Ex: Palamaner: 517408</p>

            <p><input type="submit" value="Create" />
<input type="reset" value="Clear" /></p>
        </div>
    </form>

    <p style="color:rgb(0,0,0)">Note: Please make sure your details are correct before submittingform and
that all fields marked with * are completed!</p>
</body>
</html>

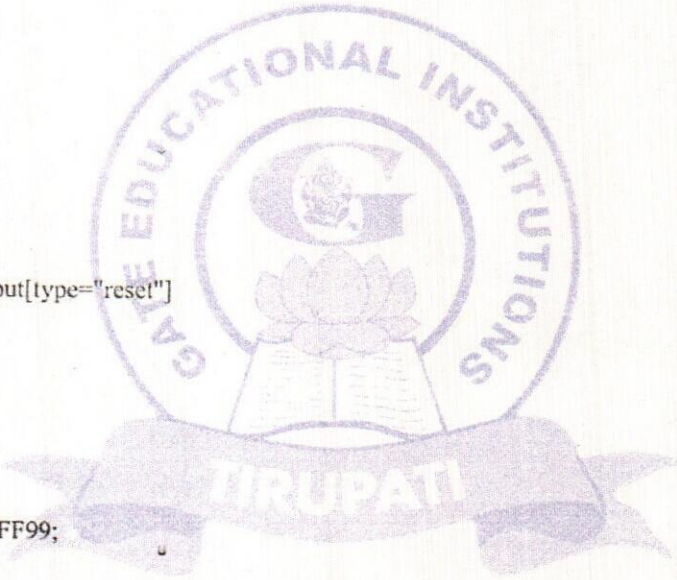
```


Date :	GATE Educational Institutions	Page No. :
<u>reg.css</u>		Practical No. :

```

*
{
padding:0px;
margin:0px;
}
div
{
height:500px;
width:600px;
background-color:#8C8CB8; margin:25px
25px 25px 150px;padding:15px;
}
input[type="text"],input[type="password"]
{
margin:5px 25px 5px 0px;
height:25px; width:300px;
padding:0px;
}
p
{
margin-left:20px;
margin-top:5px;
margin-right:5px;
color:white;
font-size:13px;
}
input[type="submit"],input[type="reset"]
{
height:30px;
width:150px;
margin-left:15px;
}
input:focus
{
background-color: #FFFF99;
color:#668CCC;
}
h1
{
text-align:center;
color:white;
font-family:Britannic Bold;
}

```



Date :	GATE Educational Institutions	Page No. :
Screen:		Practical No. :

File Edit View Favorites Tools Help

Suggested Sites Blair denies Trump sp...

Registration Form

Username *

Password *

Surname *

Other Names *

Date of Birth *

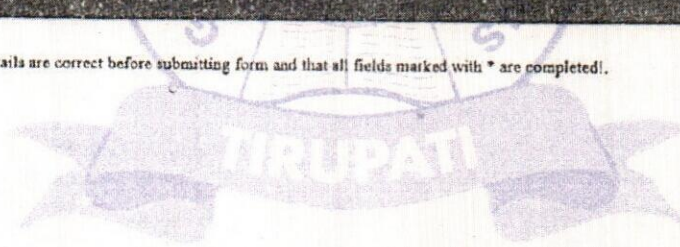
Email * Ex: abc@gmail.com

Telephone: Ex: 08379 - 7854555

Address *

Post Code * Ex: Palamangudi, 517408

Note: Please make sure your details are correct before submitting form and that all fields marked with * are completed!



Date :	GATE Educational Institutions	Page No. : 5
	5- External CSS.	Practical No. :

Problem Statement :

To design a webpage for different of mens using external CSS.

Description :

External CSS can be used to apply styles to the html document. External CSS file contains the properties and styles of the html element.

External CSS files are save with CSS extension.

- A. horizontal
- B. Vertical
- C. dropdown.

There are two ways to use external CSS
Url ("file name").

Conclusion;

The above script is executed successfully.

Date :	GATE Educational Institutions	Page No. :
Source Code:		Practical No. :

HorizontalMenu.html

```

<?xml version = "1.0" encoding = "utf-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<!-- Fig. 4.6: nav.html -->
<!-- Images as link anchors. -->
<html xmlns = "http://www.w3.org/1999/xhtml">
<head>
<title>Horizontal Menu</title>
<link rel="stylesheet" type="text/css" href="hmenu.css" />
</head>

<body>

<ul class="menu">

<li><a href="#">About US</a></li>
<li><a href="#">Courses Offered</a></li>
<li><a href="#">Faculty Profile</a></li>
<li><a href="#">Contact US</a></li>

</ul>
</body>
</html>
hmenu.css

*
{
padding:0px;
margin:auto;
}

ul
{
height:55px;
width:800px;
list-style-type:none;
background-color:rgba(110,230,15,0.4);
margin:150px 55px 15px 400px;
}
li

```


Date :

GATE Educational Institutions

Page No. :

{

Practical No. :

```
height:55px;
width:150px;
float:left;
line-height:55px; margin:0px
15px 0px 20px;text-
align:center;
}
.menu a
{
text-decoration:none;
font-size:20px;
line-height:55px;
}
.menu a:hover
{
color:white;
line-height:55px;
}
.menu li:hover
{
background-color:rgba(112,23,253,0.4);
height:55px;
width:150px; text-
align:center;
}
```

Screen:



Date :

GATE Educational Institutions

Page No. :

Vertical Menu

Practical No. :

Source Code:

```
<?xml version = "1.0" encoding = "utf-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```

```
<!-- Fig. 4.6: nav.html -->
<!-- Images as link anchors. -->
<html xmlns = "http://www.w3.org/1999/xhtml">
<head>
<title>Horizontal Menu</title>
<link rel="stylesheet" type="text/css" href="vmenu.css" />
</head>
```

```
<body>
```

```
<ul class="menu">
```

```
<li><a href="#">About US</a></li>
<li><a href="#">Courses Offered</a></li>
<li><a href="#">Faculty Profile</a></li>
<li><a href="#">Contact US</a></li>
```

```
</ul>
```

```
</body>
```

```
</html>
```

vmenu.css

```
*
```

```
{
padding:0px;
margin:auto;
}
```

```
ul
{
```

```
height:230px;
width:150px;
list-style-type:none;
background-color:rgba(110,230,15,0.4);
margin:150px 55px 15px 400px;
```

```
}
```

```
li
{
```

```
height:55px;
width:150px; line-
height:55px;
```


Date :

GATE Educational Institutions

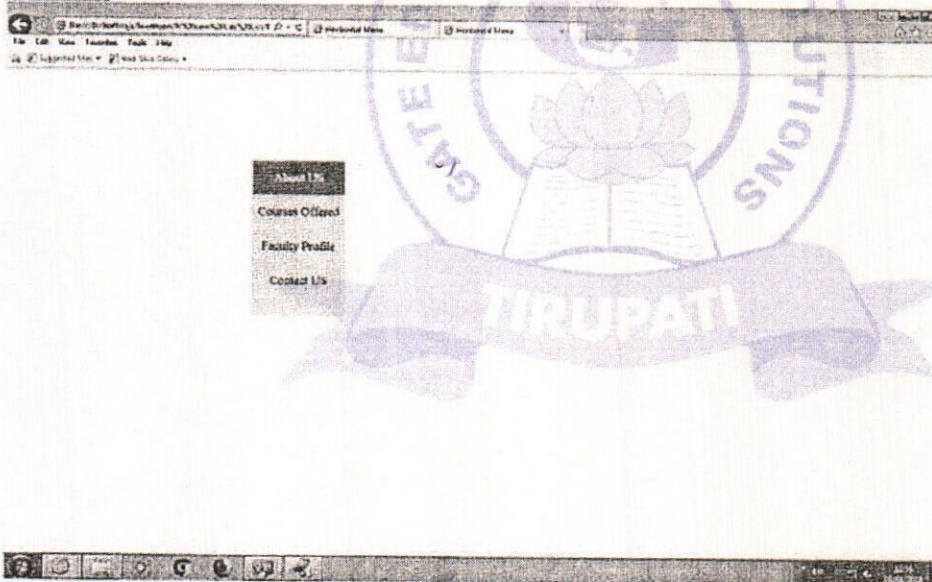
Page No. :

margin:0px 15px 0px 0px;
text-align:center;

Practical No. :

```
}  
.menu a  
{  
  
text-decoration:none;  
font-size:20px;  
line-height:55px;  
}  
.menu a:hover  
{  
    color:white;  
    line-height:55px;  
}  
.menu li:hover  
{  
    background-color:rgba(112,23,253,0.4);  
    height:55px;  
    width:150px; text-  
    align:center;  
}
```

Screen:



Date :

GATE Educational Institutions

Page No. :

Drop-Down Menu

Practical No. :

Source Code:

```
<?xml version = "1.0" encoding = "utf-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<!-- Fig. 4.6: nav.html -->
<!-- Images as link anchors. -->
<html xmlns = "http://www.w3.org/1999/xhtml">
<head>
<title>Drop Down Menu</title>
<link rel="stylesheet" type="text/css" href="ddmenu.css" />
</head>

<body>

<ul class="menu">
    <li><a href="#">About US</a></li>
    <li><a href="#">Courses Offered</a>
        <ul>

            </ul>
    </li>

    <li><a href="#">Faculty Profile</a></li>
    <li><a href="#">Contact US</a></li>
</ul>

</body>
</html>
```

ddmenu.css

```
*
{
    padding:0px;
    margin:auto;
}
.menu
{
    margin-left:350px;
    margin-top:250px;
}
ul
{
    }
```


Date :

GATE Educational Institutions

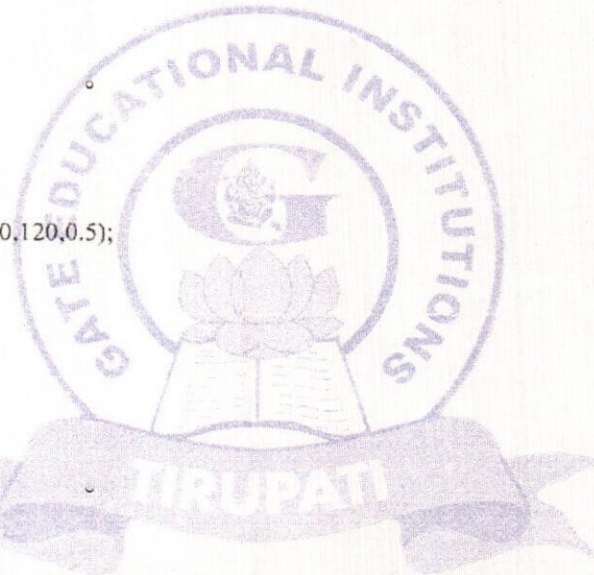
Page No. :

list-style-type:none;
background-color:rgba(45,89,112,0.7);

Practical No. :

```
}  
ul li  
{  
height:55px;  
width:150px;  
background-color:rgba(112,23,45,0.4);line-  
height:55px;  
text-align:center;  
float:left;  
margin-right:1px;  
box-shadow:3px 2px 3px red;  
}
```

```
ul ul  
{  
display:none;  
}  
ul li:hover >ul  
{  
display:block;  
}  
ul li:hover  
{  
background-color:rgba(118,20,120,0.5);  
}  
a  
{  
text-decoration:none;  
}  
a:hover  
{  
color:white
```



Screen:



Date :

GATE Educational Institutions

Page No. :

Source Code:

Practical No. :

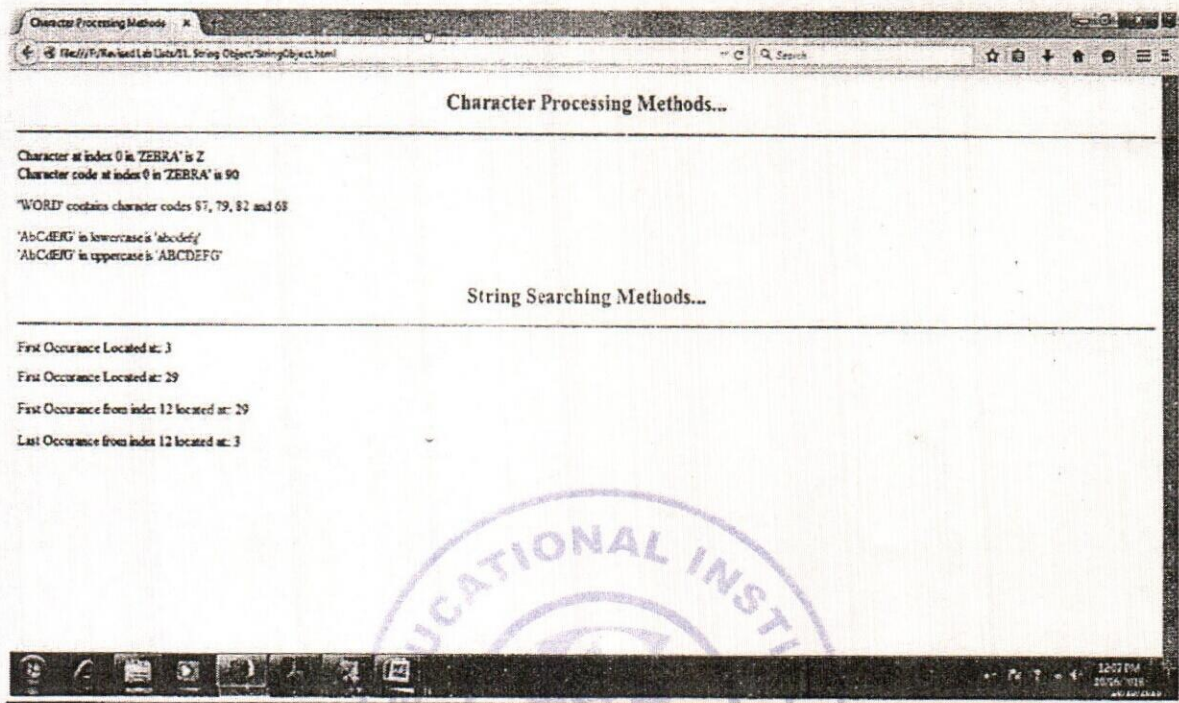
StringObject.html

```

<?xml version = "1.0" encoding = "utf-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<!-- Fig. 11.4: CharacterProcessing.html -->
<!-- String methods charAt, charCodeAt, fromCharCode, toLowerCase and toUpperCase. -->
<!-- String searching with indexOf and lastIndexOf. -->
<html xmlns = "http://www.w3.org/1999/xhtml">
<head>
<title>Character Processing Methods</title>
<script type = "text/javascript">
<!--
document.writeln("<h2 style='text-align:center;color:blue;'>Character ProcessingMethods...</h2><hr>");
var s = "ZEBRA"; var
s2 = "AbCdEfG";
document.writeln( "<p>Character at index 0 in " + s + " is " + s.charAt( 0 ));
document.writeln( "<br />Character code at index 0 in " + s + " is " + s.charCodeAt( 0 ) + "<p>"
);
document.writeln( "<p>" + String.fromCharCode( 87, 79, 82, 68 ) + " contains character codes
87, 79, 82 and 68<p>" )
document.writeln( "<p>" + s2 + " in lowercase is " + s2.toLowerCase() + "" );
document.writeln( "<br />" + s2 + " in uppercase is " + s2.toUpperCase() + ""<p>" );
//String searching with indexOf and lastIndexOf...
document.writeln("<h2 style='text-align:center;color:blue;'>String SearchingMethods.
</h2><hr>");
var letters = "abcdefghijklmnopqrstuvwxyzabcdefghijklmnopqrstu";
var inputVal=prompt("Enter searching string here for String Searching Methods. .","abc");
document.writeln("<p>First Occurance Located at:: "+letters.indexOf(inputVal)+"<p>");
document.writeln("<p>First Occurance Located at:: "+letters.lastIndexOf(inputVal)+"<p>");
document.writeln("<p>First Occurance from index 12 located at::
"+letters.indexOf(inputVal,12)+"<p>");
document.writeln("<p>Last Occurance from index 12 located at::
"+letters.lastIndexOf(inputVal,12)+"<p>");
// -->
</script>
</head><body></body>
</html>

```


Date :	GATE Educational Institutions	Page No. :
Screen		Practical No. :



Date :	GATE Educational Institutions	Page No. : 6
	6. String Processing and	Practical No. :

Searching Methods.

Problem Statement:

To design and develop a java script program which demonstrate the string processing and searching methods.

Description:

HTML strings contains textual data that include html markup.

There are essentially same as string values except in cases where HTML can be treated differently.

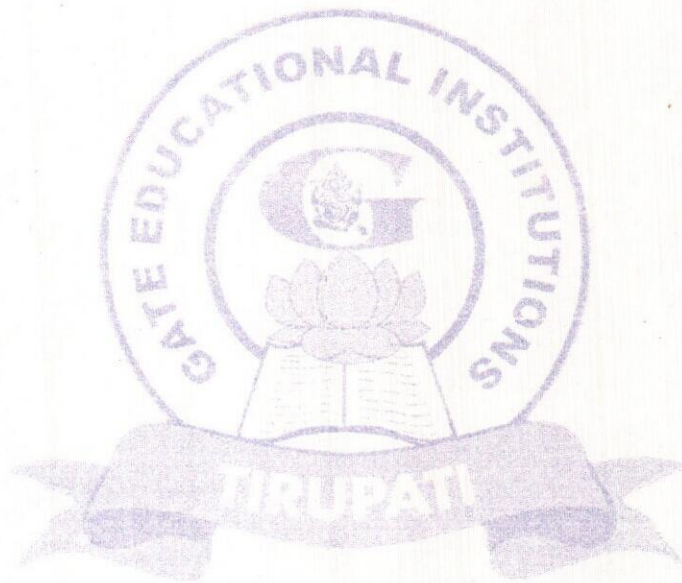
String Methods

- string length ()
- String slicing ()
- String Substring ()
- String replace ()
- String contact ()

Date :	GATE Educational Institutions	Page No. : 8
		Practical No. :

Conclusion:

The above java script program is executed successfully.



Date :	GATE Educational Institutions	Page No. :
Source Code:	Practical No. :	

SortingMechanism.html

```

<?xml version = "1.0" encoding = "utf-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<html xmlns = "http://www.w3.org/1999/xhtml">
<head><title>Using the Window Object</title>
<script type = "text/javascript">
<!--
var array=[-1,3,4,5,6,2,10];
document.writeln("<h3>Array of elements are::</h3>"); for(var i=0;i<array.length;i++)
document.write(array[i]+"\\t");
var choice=parselnt(prompt("Enter your choice \\n 1. Built In Sorting Technique \\n 2. Normal
Technique "));
switch(choice)
{
case 1:
array.sort( compareIntegers );
document.writeln("<br /><h3>After Sorting using Built - In
Sorting Technique \\nArray of elements are::</h3><br />");
for(var i=0;i<array.length;i++) document.write(array[i]+"\\t");
break;
case 2:      var i,j;
for(i=0;i<array.length-1;i++) for(j=i+1;j<array.length;j++)

if(array[i]>array[j])
{

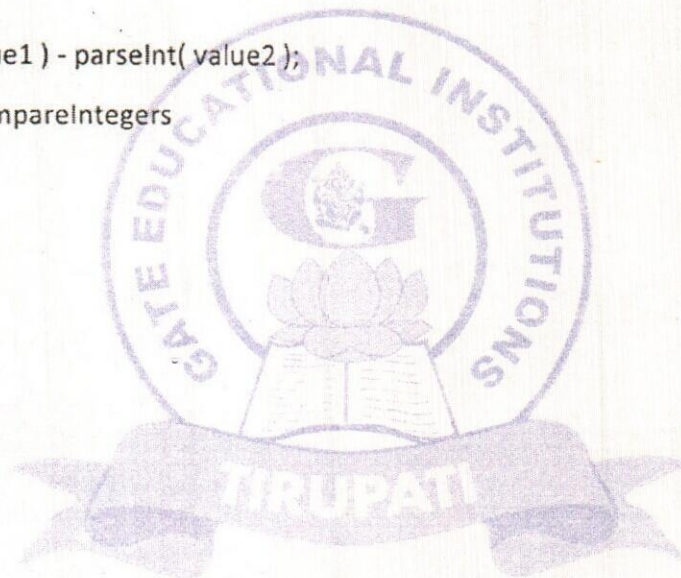
```


Date :	GATE Educational Institutions	Page No. :
		Practical No. :

```

var temp=array[i]; array[i]=array[j]; array[j]=temp;
}
document.writeln("<h3>After sorting using Normal Sorting technique elements are::</h3>");
for(var i=0;j<array.length;i++) document.write(array[i]+"\\t");
break;
default: window.alert("Invalid Choice");
}
// comparison function for use with sort function compareIntegers( value1, value2 )
{
return parseInt( value1 ) - parseInt( value2 );
} // end function compareIntegers
//-->
</script>
</head>
<body>
</body>
</html>

```



Date :

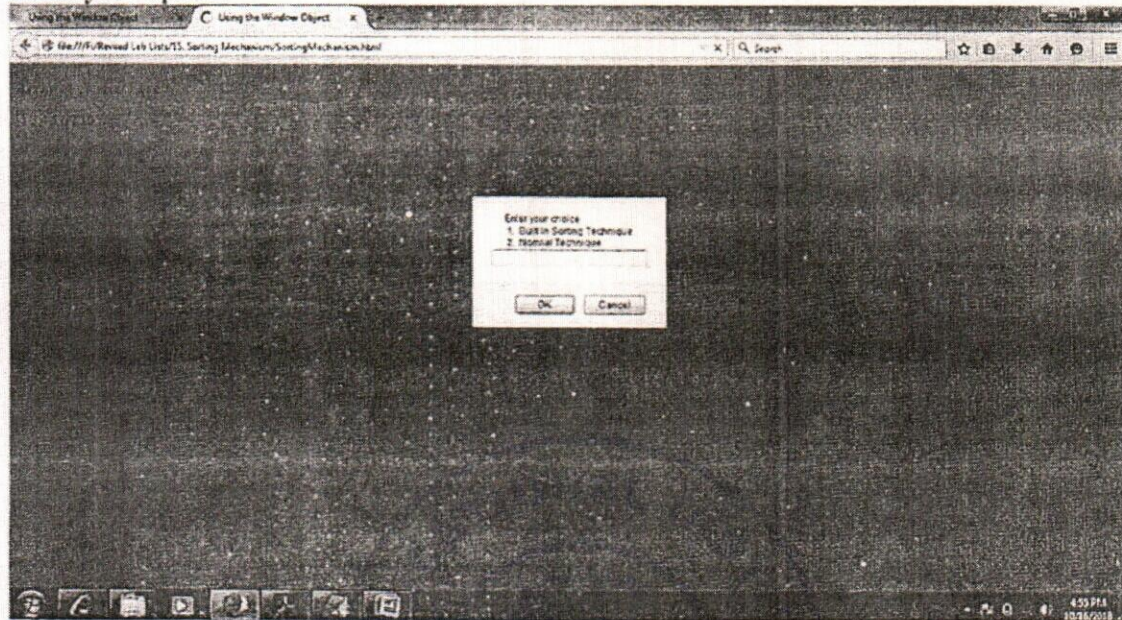
GATE Educational Institutions

Page No. :

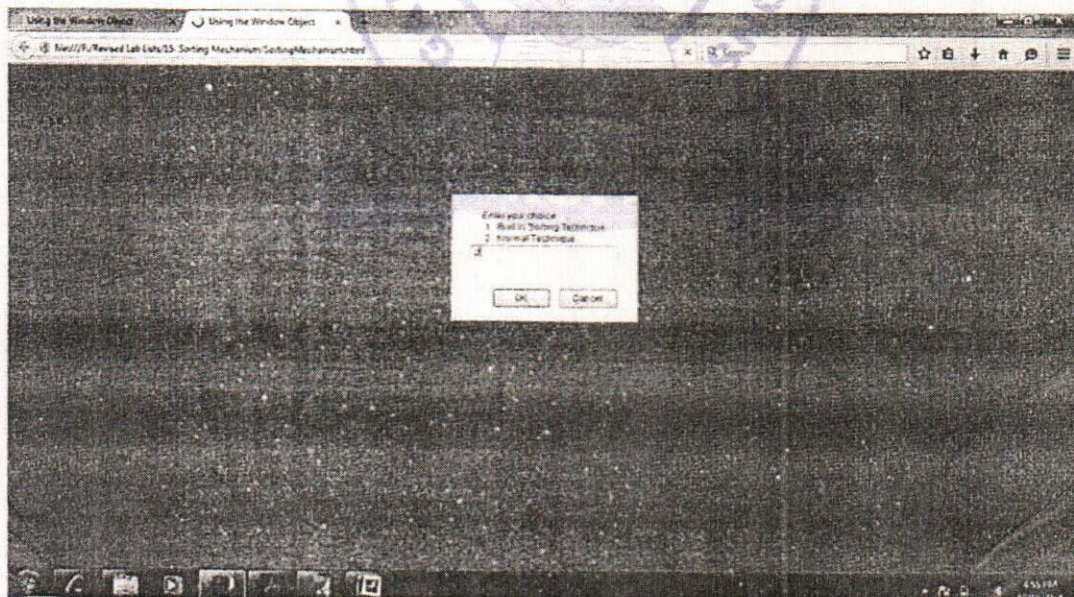
Screen

Practical No. :

Select your option



When you press 2 Normal Sorting Technique will perform



Date :	GATE Educational Institutions	Page No. :
When you press OK below Screen will appear		Practical No. :



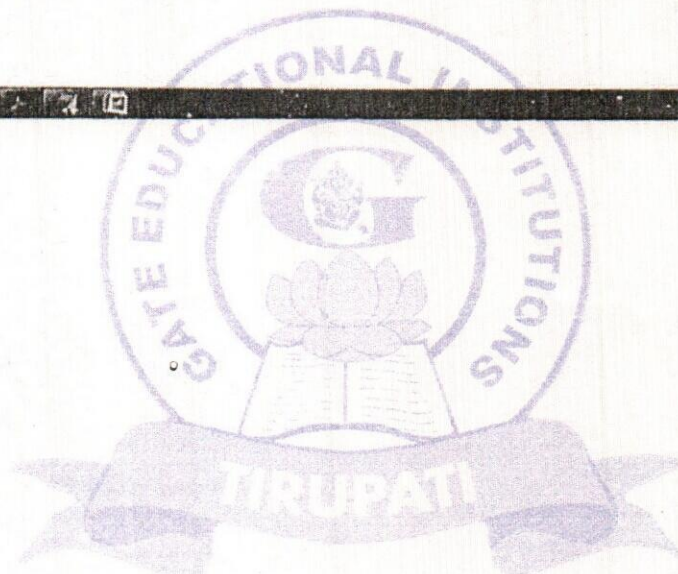
Array of elements are::

-1 3 4 5 6 2 10

After sorting using Normal Sorting technique elements are::

-1 2 3 4 5 6 10

Press F5 or Refresh to run script again...



Date :	GATE Educational Institutions	Page No. : 9
	7. JQuery Events.	Practical No. :

Problem Statement:

To design a webpage with demonstrate jquery events.

Description:

An event represents the precise moment when something happens.

Examples:

Moving a mouse over an element

Selecting a radio button

Clicking an element.

There are different type of events.

Mouse Events

Keyboard Events

Form Events

Document Events.

Conclusion:

The above script is executed successfully.

Date :	GATE Educational Institutions	Page No. :
Source Code:		Practical No. :

Quiz.html

```
<?xml version = "1.0" encoding = "utf-8"?>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```

```
<html xmlns = "http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<link rel="stylesheet" type="text/css" href="style.css" />
```

```
<script src="checkAnswer.js"></script>
```

```
</head>
```

```
<body>
```

```
<div id="quiz">
```

```
<div id="title">
```

```
<h1>Simple JavaScript Quiz</h1>
```

```
<p>Test Your Knowledge in <span>Java Script Fundamentals</span></p>
```

```
<p
```

```
id="line">.....
....
```

```
.....</p>
```

```
</div>
```

```
<form name="formQuiz" onsubmit="return checkAnswer();">
```

```
<h3>1. In which HTML element do we put in JavaScript code</b></h3>
```

```
<p><input type="radio" id="q1a" name="q1" value="a" />a. &lt; js &gt;<br />
```

```
<input type="radio" id="q1b" name="q1" value="b" />b. &lt; script &gt;<br />
```

```
<input type="radio" id="q1c" name="q1" value="c" />c. &lt; body &gt;<br />
```

```
<input type="radio" id="q1d" name="q1" value="d" />d. &lt; link &gt;</p>
```

```
<h3>2. Which attribute is used to reference an external JavaScript file</b></h3>
```


Date :	GATE Educational Institutions	Page No. :
<p><input type="radio" id="q2a" name="q2" value="a" />a. &lt; src &gt;
 <input type="radio" id="q2b" name="q2" value="b" />b. &lt; rel &gt;
 <input type="radio" id="q3c" name="q2" value="c" />c. &lt; type &gt;
 <input type="radio" id="q2d" name="q2" value="d" />d. &lt; href &gt;</p> <h3>3. JavaScript is directly related to the "Java" programming language</h3> <p><input type="radio" id="q3a" name="q3" value="a" />a. Yes
 <input type="radio" id="q3b" name="q3" value="b" />b. No</p> <h3>4. How would you write "Hello" in an alert box?</h3> <p><input type="radio" id="q4a" name="q4" value="a" />a. msg("Hello");
 <input type="radio" id="q4b" name="q4" value="b" />b. alertBox("Hello");
 <input type="radio" id="q4c" name="q4" value="c" />c. document.write("Hello");
 <input type="radio" id="q4d" name="q4" value="d" />d. alert("Hello");</p> <h3>5. var x=10,y=-5,z=++x*y-- than what is z value?</h3> <p><input type="radio" id="q5a" name="q5" value="a" />a. -55
 <input type="radio" id="q5b" name="q5" value="b" />b. -60
 <input type="radio" id="q5c" name="q5" value="c" />c. 50
 <input type="radio" id="q5d" name="q5" value="d" />d. 60</p> <input type="submit" value="Submit Answers" /> </form> <h3 id="bottom">Copyright &copy 2018, All Rights Reserved</h3> </div> </body> </html>		Practical No. :

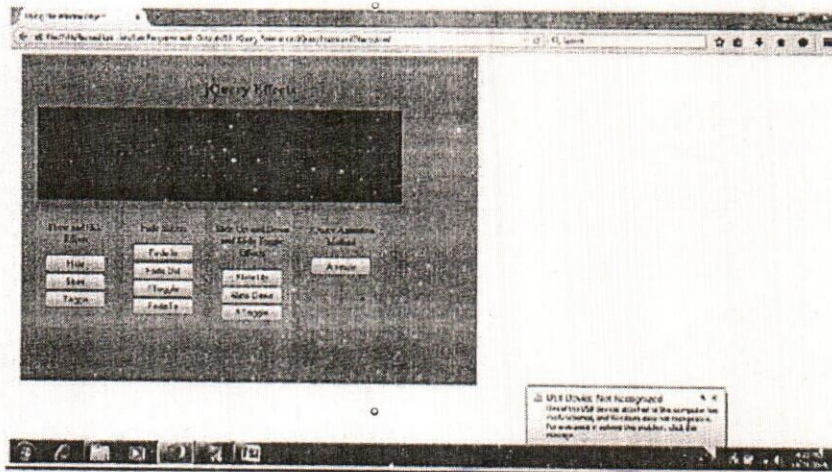
Date :

GATE Educational Institutions

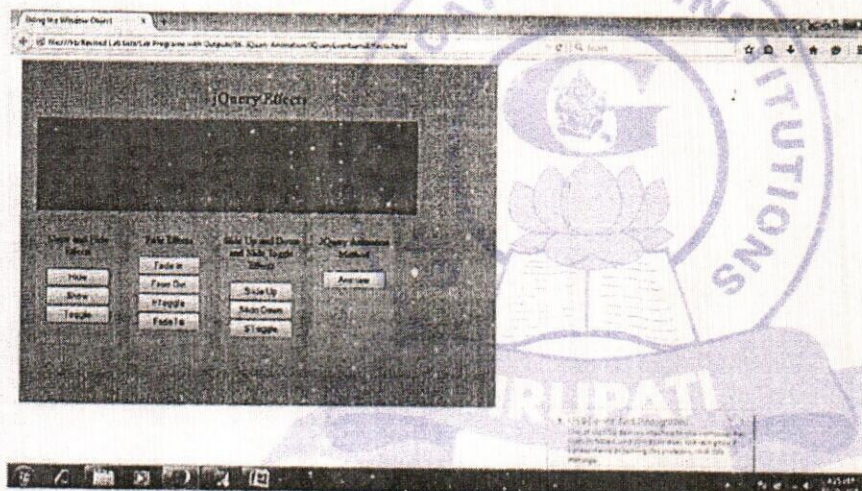
Page No. :

Practical No. :

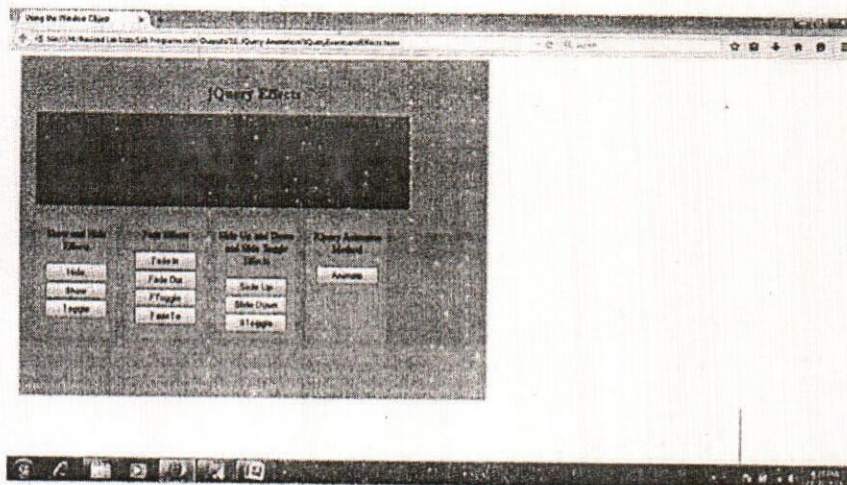
Screen



When you press Hide Button below Screen will appear



When you press OK below Screen will appear



Date :	GATE Educational Institutions	Page No. : 10
	8-HTML With Frames.	Practical No. :

Problem Statement:

To design and develop a simple webpage for online Quiz using XHTML with Forms with java script.

Description:

The main purpose of making a Quiz app is to make java script concept clears and use access to web uses. So they may practice for competitive exams and improve the general knowledge.

Conclusion:

The above script is executed successfully.

Date :	GATE Educational Institutions	Page No. :
Source Code:		Practical No. :

MathObject.html

```

<?xml version = "1.0" encoding = "utf-8"?>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<!-- Fig. 11.13: window.html -->

<!-- Using the window object to create and modify child windows. -->

<html xmlns = "http://www.w3.org/1999/xhtml">

<head><title>Using the Window Object</title>

<script>

<!--

document.writeln("<h1>Implementation of Math Object and its Methods. ...</h1>");
document.writeln ("<h2>Few Examples are here.. </h2>"); document.writeln("<table
align=\"left\" border=\"2\"
style=\"float:left\"><tr><th>Method</th><th>Description</th><th>Examples</th></tr><tr><td>
abs( x )</td><td>absolute value of x</td><td>abs( 0.0 ) is 0.0<br/>abs(-5.6 ) is
5.6</td></tr><tr><td>ceil( x )</td><td>rounds x to the smallest integer not less than
x</td><td>ceil( 9.2 ) is 10.0<br/>ceil( -9.8 ) is -9.0</td></tr><tr><td>exp( x
)</td><td>exponential method e<sup>x</sup></td><td>exp( 1.0 ) is 2.71828<br/>exp( 2.0 ) is
7.38906</td></tr><tr><td>floor( x )</td><td>rounds x to the largest integer not greater than
x</td><td>floor( 9.2 ) is 9.0<br/>floor( -9.8 ) is -10.0</td></tr><tr><td>max( x, y )
</td><td>larger value of x and y</td><td>max( 2.3, 12.7 ) is 12.7<br />max( -2.3, -12.7 ) is -
2.3</td></tr><tr><td>min( x, y )</td><td>smaller value of x and y</td><td>min( 2.3, 12.7 ) is
2.3<br/>min( -2.3, -12.7 ) is -12.7</td></tr><tr><td>pow( x, y )</td><td>x raised to power y
(xy)</td><td>pow( 2.0, 7.0 ) is 128.0<br />pow( 9.0, .5 ) is 3.0</td></tr><tr><td>round( x
)</td><td>rounds x to the closest integer</td><td>round( 9.75 ) is 10<br />round( 9.25 ) is
9</td></tr><tr><td>sin( x )</td><td>trigonometric sine of x(x in radians)</td><td>sin( 0.0 ) is
0.0</td></tr><tr><td>sqrt( x )</td><td>square root of x</td><td>sqrt( 900.0 ) is 30.0<br
/>sqrt( 9.0 ) is 3.0</td></tr><tr><td>tan( x )</td><td>trigonometric tangent of x(x in
radians)</td><td>tan( 0.0 ) is 0.0</td></tr></table>");

document.writeln("<h2 style=\"float:left;font-size:45px;color:blue;margin-top:290px;\">Click
f5 or Refresh to run script again. </h2>");

```


Date :	GATE Educational Institutions	Page No. :
		Practical No. :
	<pre> var choice=parseInt(prompt("Menu\n 1. Abs(x) \n 2. ceil(x) \n 3. exp(x) \n 4. floor(x) \n 5. max(x, y) \n 6. min(x, y) \n 7. pow(x, y) \n 8. round(x) \n 9. sqrt(x) \n Enter Your Choice.. ")); switch(choice) { case 1: var num=parseInt(prompt("Enter your number","0")); window.alert("Absolute of given number is::"+Math.abs(num)); break; case 2: var num=parseInt(prompt("Enter your number","0")); window.alert("Ceil of given number is::"+Math.ceil(num)); break; case 3: var num=parseInt(prompt("Enter your number","0")); window.alert("Exponential of given number is:: "+Math.exp(num)); break; case 4: var num=parseInt(prompt("Enter your number","0")); window.alert("Floor of given number is::"+Math.floor(num)); break; case 5: var num=parseInt(prompt("Enter your number1","0")); var num1=parseInt(prompt("Enter your number2","0")); window.alert("Maximum Number is"+Math.max(num,num1)); break; case 6: var num=parseInt(prompt("Enter your number1","0")); var num1=parseInt(prompt("Enter your number2","0")); window.alert("Minimum number is::"+Math.min(num,num1)); break; case 7: var num=parseInt(prompt("Enter your number","0")); var power=parseInt(prompt("Enter your power","0")); window.alert("Given"+num+"power of"+power+"is::"+Math.pow(num,power)); break; case 8: var num=parseInt(prompt("Enter your number","0")); window.alert("Round of Number is"+Math.round(num)); break; case 9: var num=parseInt(prompt("Enter your number","0")); window.alert("Sqrt of given number"+num+"is"+Math.sqrt(num)); break; default: window.alert("Invalid Choice"); } //--> </pre>	

Date :

GATE Educational Institutions

Page No. :

Practical No. :

</script>

</head>

<body>

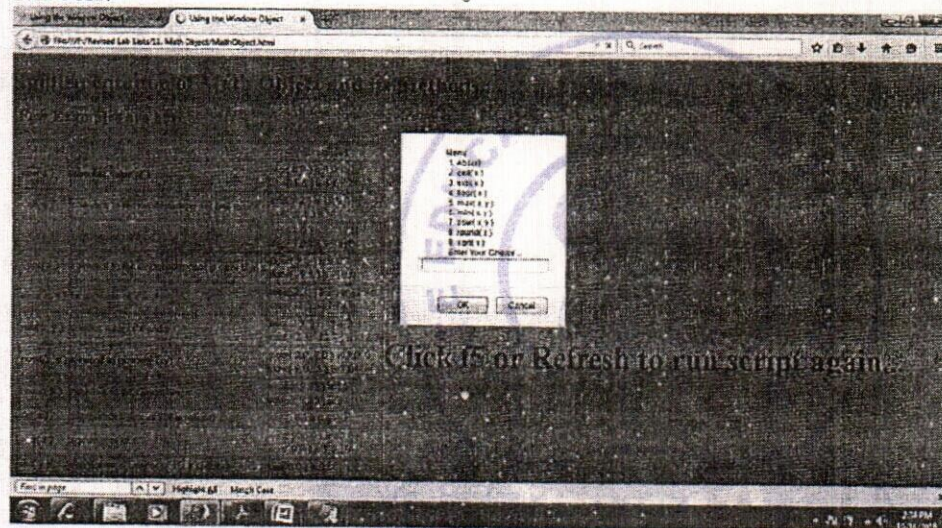
<script>

</script>

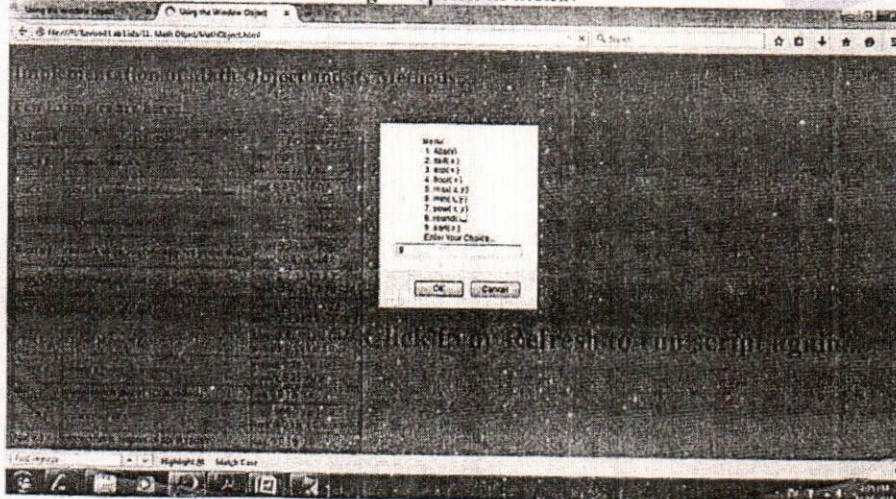
</body>

</html>

Screen:



Enter your choice as number among all option in menu:



Date :

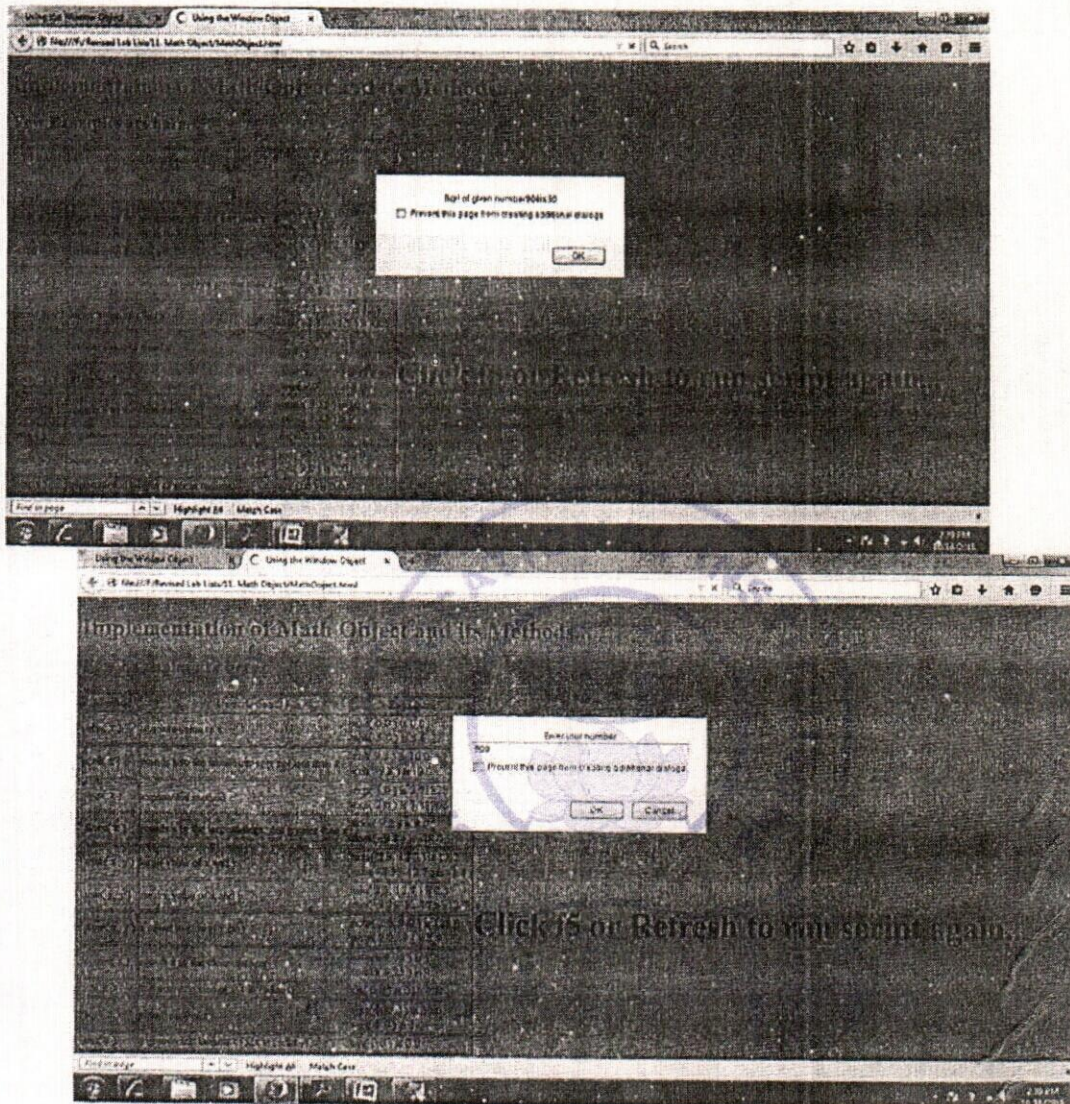
GATE Educational Institutions

Page No. :

Entered 9 as input for finding sqrt of given number

After Enter your choice it will show prompt window for an input

Practical No. :



After passing number to find out sqrt of given number Result will display

Press OK and f5 to run script again...

Date :	GATE Educational Institutions	Page No. :
Source Code		Practical No. :

```

<html>
<body>
<h1>The XMLHttpRequest Object</h1>
<p id="demo">Let AJAX change this text.</p>
<button type="button" onclick="loadDoc()">Change Content</button>
<script>
function loadDoc() { var xhttp;
if (window.XMLHttpRequest) {
// code for modern browsers xhttp = new XMLHttpRequest();
} else {
// code for IE6, IE5
xhttp = new ActiveXObject("Microsoft.XMLHTTP");
}
xhttp.onreadystatechange = function() {
if (this.readyState == 4 && this.status == 200) {
document.getElementById("demo").innerHTML = this.responseText;
}
};
xhttp.open("GET", "ajax_info.txt", true); xhttp.send();
}
</script>
</body>
</html>

```

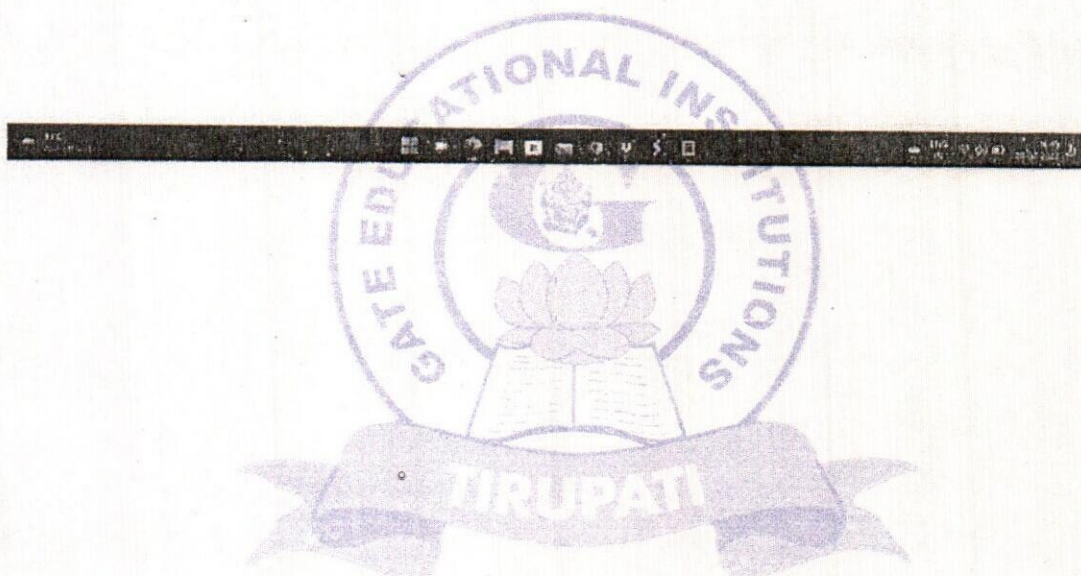

Date :

GATE Educational Institutions

Page No. :

SCREEN

Practical No. :



Date :	GATE Educational Institutions	Page No. : //
	9. Math Object and Methods.	Practical No. :

Problem Statement :

To design and develop a java script program which demonstrate math object and its methods.

Description :

Math object is static all methods and properties can be used without creating a math object first math properties.

Math . Floor (x)

Math . ceil (x)

Math . round (x)

Math . abs (x)

Math . Sqrt (x)

Math . polo (x,y)

Math . max (x, x₂, --- x_n)

Math . log (x)

Conclusion :

The above script is executed successfully.

Date :	GATE Educational Institutions	Page No. :
Source Code: Functions.php		Practical No. :
<pre> <!Doctype html> <head><title>Php Functions</title> <style type="text/css"> #information { height:100%; width:55%; background-color:skyblue; float:left; } #execution { height:100%; width:40%; background-color:yellow; float:left; margin-left:5px; } img { margin-left:25px; } p{ text-align:left; width:500px; } </style> </head> <body> <div id="information"> <pre style="font-family:Times New Roman;font-size:15px;"> <h1>PHP User Defined Functions</h1> The real power of PHP comes from its functions; it has more than 1000 built-in functions. Besides the built-in PHP functions, we can create our own functions. </pre>		

Date :	GATE Educational Institutions	Page No. :
- A function is a block of statements that can be used repeatedly in a program. - A function will not execute immediately when a page loads. - A function will be executed by a call to the function.		Practical No. :
 <h1>Create a User Defined Function in PHP</h1> A user defined function declaration starts with the word "function": Syntax <pre>function functionName() { code to be executed; }</pre> <p>Note:A function name can start with a letter or underscore (not a number).</p> <p>Tip:Give the function a name that reflects what the function does!</p> <p><mark>Function names are NOT case-sensitive.</mark></p> In the example below, we create a function named "writeMsg()". The opening curly brace ({) indicates the beginning of the function code and the closing curly brace (}) indicates the end of the function. The function outputs "Hello world!". To call the function, just write its name: <p></p> <h1>PHP Function Arguments</h1> <p>Information can be passed to functions through arguments. An argument is just like a variable. Arguments are specified after the function name, inside the parentheses. You can add as many arguments as you want, just separate them with a comma. The following example has a function with one argument (\$fname). When the familyName() function is called, we also pass along a name (e.g. Jani), and the name is used inside the function, which outputs several different first names, but an equal last name:</p>		

Date :	GATE Educational Institutions	Page No. :
	<pre><p></p></pre>	Practical No. :
<pre> <h3>The following example has a function with two arguments (\$fname and \$year):</h3> <p></p> <h3>PHP Default Argument Value</h3> <p>The following example shows how to use a default parameter. If we call the function setHeight() without arguments it takes the default value as argument:</p> <p></p> <h3>PHP Functions - Returning values</h3> <p><mark>To let a function return a value, use the return statement: </mark></p> <p></p> </pre> </div> <div id="execution"> <ol type="1"> Function with arguments Function with arguments with return type <h3>Code for Sum of Two Numbers:</h3> <form method="post" action="Functions.php"> <p>Enter your choice::<input type="text" name="choice" /></p> <p>Enter number 1 ::<input type="text" name="num1" /> Example: 1, 2, N</p> <p>Enter number 2 ::<input type="text" name="num2" /> Example: 1, 2, N</p> <p><input type="submit" value="Submit" /><input type="reset" value="Clear" /></p> <?php error_reporting(0); \$choice=\$_POST['choice']; \$num1=\$_POST['num1']; </pre>		

Date :	GATE Educational Institutions	Page No. :
<pre>\$num2=\$_POST['num2']; if(\$choice&&\$num1&&\$num2)</pre>		Practical No. :
<pre>{ switch(\$choice) { case 1: sum(\$num1,\$num2); break; case 2: echo "Sum of two numbers is" . sum1(\$num1,\$num2); break; default: echo "<script type='text/javascript'>alert('Invalid Choice');</script>"; } } else { } echo "<script type='text/javascript'>alert('Please fill all the fields');</script>"; function sum(\$num1,\$num2) { echo "You are in functions with arguments..
"; echo "Sum of two numbers is:" . (\$num1+\$num2); } function sum1(\$num1,\$num2) { echo "You are in functions with arguments with return type..
"; return (\$num1+\$num2); } ?> </form> </div> </body> </htm></pre>		

Date :

GATE Educational Institutions

Page No. :

Practical No. :

Screens:

Without giving an input if you submit, below screen will appear

PHP User Defined Functions

The real power of PHP comes from its functions; it has more than 1000 built-in functions. Besides the built-in PHP functions, we can create our own functions.

- A function is a block of statements that can be used repeatedly in a program.
- A function will not execute automatically when a page loads.
- A function will be executed by a call to the function.

Create a User Defined Function in PHP

A user defined function declaration starts with the word "function".

```
function function_name() {
    code to be executed;
}
```

Note: A function name can start with a letter or underscore (not a number).

Tip: Give the function a name that reflects what the function does.

Functions names are NOT case-sensitive.

In the example below, we create a function named "greeting()".

The opening curly brace { indicates the beginning of the function code and the closing curly brace } indicates the end of the function. The function outputs "Hello world!". To call the function, just write its name.

No Numbers:

Enter your choice:

Enter number 1: Example: 1, 2, ..., N

Enter number 2: Example: 1, 2, ..., N

If you enter values, where a choice is not valid it will show you below screen

PHP User Defined Functions

The real power of PHP comes from its functions; it has more than 1000 built-in functions. Besides the built-in PHP functions, we can create our own functions.

- A function is a block of statements that can be used repeatedly in a program.
- A function will not execute automatically when a page loads.
- A function will be executed by a call to the function.

Create a User Defined Function in PHP

A user defined function declaration starts with the word "function".

```
function function_name() {
    code to be executed;
}
```

Note: A function name can start with a letter or underscore (not a number).

Tip: Give the function a name that reflects what the function does.

Functions names are NOT case-sensitive.

In the example below, we create a function named "greeting()".

The opening curly brace { indicates the beginning of the function code and the closing curly brace } indicates the end of the function. The function outputs "Hello world!". To call the function, just write its name.

No Numbers:

Enter your choice: Example: 1, 2, ..., N

Enter number 1: 10 Example: 1, 2, ..., N

Enter number 2: Example: 1, 2, ..., N

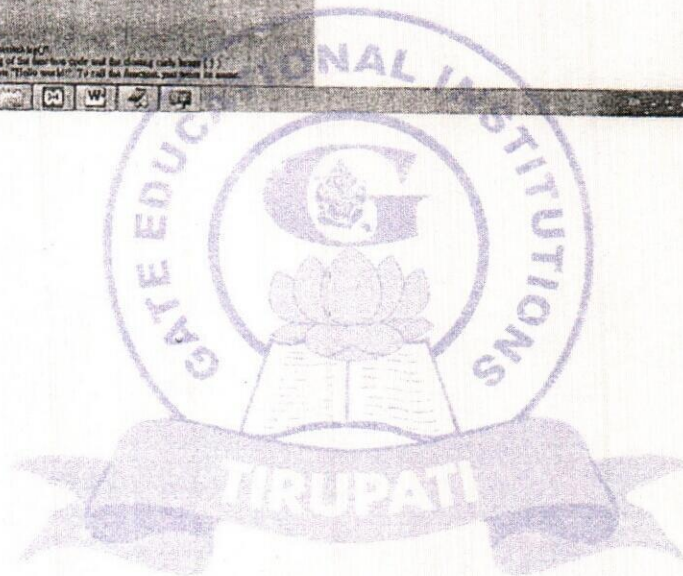
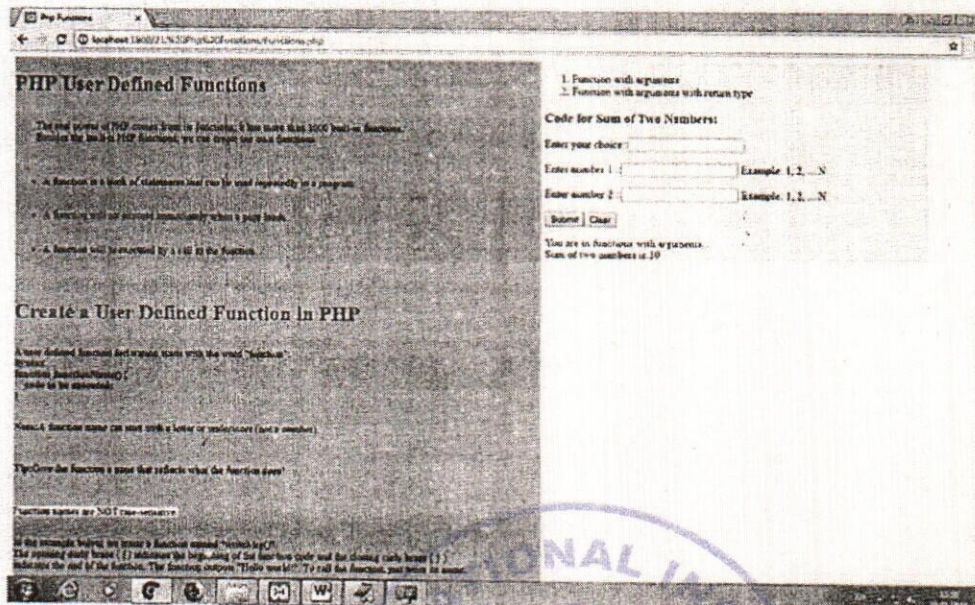
Date :

GATE Educational Institutions

Page No. :

If you enter valid input then you submit, below screen will appear

Practical No. :



Date :	GATE Educational Institutions	Page No. : 12.
	10. AJAX objects-	Practical No. :

Problem statement :

To design case study an AJAX objects and libraries with own example -

Description :

AJAX stands for Asynchronous Javascript and XML. It is a combination of Java script, html and XML.

Java script is used for displaying data and XML is used sending XML HTTP request object to server.

XML HTTP request object can take three argument : first parameter specify name of the file and second parameter specify method

Conclusion :

The above java script is executed successfully

Date :	GATE Educational Institutions	Page No. :
Source code:		Practical No. :


```

<html>
<head>
<title> new page1 </title>
</head>
<body>
<h2>login</h2>
<p>please enter username and password</p>
<form method="GET" action="/htmlform/loginservlets">
<p>username<input type="text" name="username" size="20"></p>
<p>password<input type="text" name="password" size="20"></p>
<p><input type="submit" value="submit" name="B1"></P>
</form>
<p>&nbsp;</p>
</body>
</html>

LoginServlet.java:
import java.io.*; import javax.servlet.*;
import javax.servlet.http.*;

public class LoginServlet extends HttpServlet
{

public void doGet(HttpServletRequest request,HttpServletResponse response)throws
ServletException,IOException
{

response.setContentType("text/html");

PrintWriter out=response.getWriter();

String name=request.getParameter("username"); String
name=request.getParameter("password"); out.println("<html>");

```


Date :	GATE Educational Institutions	Page No. :
out.println("<body>");		Practical No. :

```

out.println("Thanks Mr."+ " "+name+" "+"for visiting RoseIndia<br>"); out.println("now
youcanseeyourpassword:"+ " "+pass+"<br>"); out.println("</body></html>");
}
}

web.xml:
<web-app>
<servlet>
<servlet-name>heilo</servlet-name>
<servlet-class>Loginservlet</servlet-class>
</servlet>
<servlet-mapping>
<servlet-name>Hello</servlet-name>
<url-pattern>/LoginServlet</url-pattern>
</servlet-mapping>
</web-app>

```

SCREEN

Date :	GATE Educational Institutions	Page No. : 13
	11. PHP Functions-	Practical No. :

Problem Statement :

To design a simple webpage php function.

Description :

A function is a block of statement that can be used repeatedly in a program. A function will not execute automatically.

There are two types of functions.

1. Built in functions

2. User defined functions.

A user defined function can be created in php using word function.

Conclusion :

The above script is executed successfully.

Date :	GATE Educational Institutions	Page No. :
Form.html		Practical No. :

Source code:

```
<html>
<form method="post" action="/jsptwo/Insert.jsp">
<table>
<tr><td>Name:</td><td><input type="text" name="name"></td></tr>
<tr><td>adress:</td><td><input type="text" name="address"></td></tr>
<tr><td></td><td><input type="submit" vlaue="submit"></td></tr>
</table>
</form>
</html>
```

Insert.jsp:

```
<%@page import="java.sql.*"%>
<%
String name=request.getParameter("name"); String
address=request.getParameter("address"); Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
Connection con=DriverManage.getConnection("jdbc:odbc:student","src","admin123")
Statement st=con.createStatement();

int i=st.executeUpdate("insert into
student(name,address)values('"+name+"','"+address+"'"); out.println("Data is inserted
siuccessfully");

%>
```

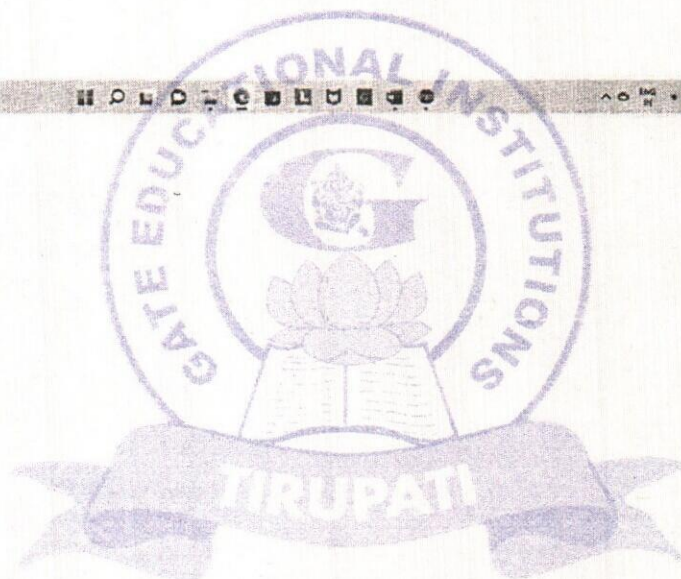
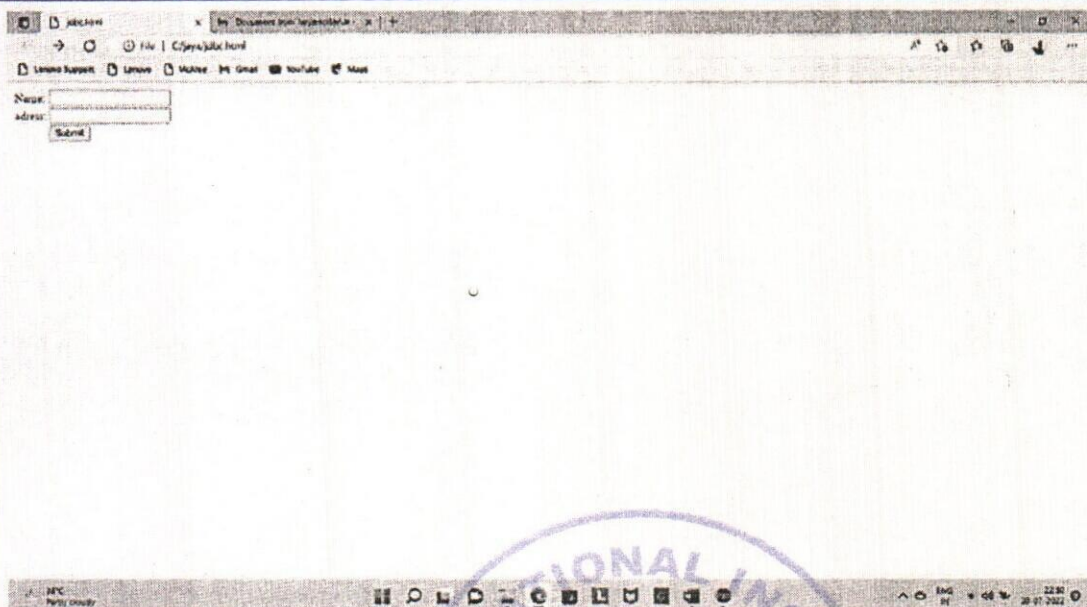

Date :

GATE Educational Institutions

Page No. :

SCREEN

Practical No. :



Date :	GATE Educational Institutions	Page No. : 14
	12. My SQL server using PHP	Practical No. :

Problem Statement :

To design a webpage which displays all records from mySQL server using PHP.

Description :

1. Concept php to mySQL Database.
2. Insert data into php my admin table.
3. Fetch data from mySQL table.
4. Display Data in HTML table.
5. Test to insert data.
6. Display data using MySQL procedure.

Conclusion :

The above script is executed successfully.

Date :	GATE Educational Institutions	Page No. :
Source Code		Practical No. :


```

<%@page language="java" session="true"%>
<html>
<head>
<title>JSP expression</title>
</head>
<body>
<h3>demonstrating JSP expressoin</h3> the value of &nbsp;
<strong>2+2</strong>is
<em><%=2+2</em><br/> the value of &nbsp;
<strong>(2+2)*(3+3)</strong>is<em><%= (2+2)*(3+3)</em>
<%! String str="<strong>10 times 2 is</strong>";%>
<%! int x=10,y=2;%><br>
<%=str+(x*y)%>
<h4>once again with scriptlet
<%out.println(str+(x*y));%>
</body>
</html>

```


Scriptlet.jsp

```

<HTML>
<BODY>
<%=
//thisscriptletdeclaresand initializes "date" System.out.println("evaluating date now");
java.util.Date.date=new java.util.Date();
%>
Hello! thetime is now
<%=out,println(date);

```


Date :	GATE Educational Institutions	Page No. : 15
	13. Servlets.	Practical No. :

Problem Statement :

To display username and password using services.

Description :

A servlet is a java programming language class that find used to extend the capabilities of servers that host applications accessed by means of request response programming model. Although servlets can respond to any type of request. They are commonly used to extend the applications hosted by web servers.

Conclusion :

The above java script code is executed successfully.

Date :	GATE Educational Institutions	Page No. : 16
	IV. JDBC Connectivity	Practical No. :

Problem Statement:

To design and develop a java program to connect with oracle database through JDBC in which inserting number of records into the table.

Description :

In java we can connect to our database with JDBC through the java code. JDBC is one of the standard API for database connectivity using it. We can easily run our query. Statement and also data from data base.

Conclusion:

The above script is executed successfully.

Date :	GATE Educational Institutions	Page No. : 17
	IS- JSP.	Practical No. :

Problem Statement:

To design and develop a jscripts for implementation of JSP web applications.

Description:

Java server pages can be deployed in apache, Tom cat and we will connect to MySQL to create table.

Some prerequisite before we start create folder name user under web apps. Create a database in mysql name user before running this JSP you need mysql connector Jar Directory.

Conclusion:

The above script is executed successfully.

Date :	GATE Educational Institutions	Page No. :
		Practical No. :

```
out.println("<BR>Your machine's address is"); out,println(request.getRemoteHost());
```

```
%>
```

```
</BODY>
```

```
</HTML>
```

Sample.jsp

```
<!doctype html public "-//W3C//DTD HTML 4.0 Transitional//EN">
```

```
<HTML>
```

```
<HEAD>
```

```
<TITLE>new document </TITLE>
```

```
<META NAME="Generator" CONTENT="Editplus">
```

```
<META NAME="author"> CONTENT="">
```

```
<META NAME="keywords" CONTENT="">
```

```
<META NAME="Description" CONTENT="">
```

```
</HEAD>
```

```
</BODY>
```

```
<% out.println("hi,welcome to JSP");
```

```
%
```

```
</BODY>
```

```
</HTML>
```

Comments.jsp

```
<!doctype html public "-//W3C//DTD HTML 4.0 transitional//EN>
```

```
<HTML>
```

```
<HEAD>
```

```
<TITLE>new document</TITLE>
```

```
<META NAME="Generator" CONTENT="Editplus">
```

```
<META NAME="author"> CONTENT="">
```