

1 A) Write Java Program For Character Stuffing Using Java

```
import java.io.*;

import java.lang.*;

import java.util.*;

class chst

{

public static void main(String args[])

{

Scanner k=new Scanner(System.in);

System.out.println("Enter the string\t"); String s=k.nextLine();

String str1; String str2="";

int i,j,m;

m=s.length(); System.out.println("Original Data "+s); str1= "dlegththtx";

for(i=0;i<=m-1;i++)

{

if((s.charAt(i)=='d')&&(s.charAt(i+2)=='e'))

{

str1=str1+ "dle";

}

str1=str1+s.substring(i,i+1);

}

str1=str1+"dlestx";

int p=str1.length();

System.out.println("trasmitted data " +str1);

}

}
```



```
    } else {  
        res = res + data.charAt(i);  
        counter = 0;  
    }  
    if (counter == 5) {  
        res = res + '0';  
        counter = 0;  
    }  
}  
System.out.println("The encrypted string is :" + res);  
}  
}
```

INPUT/ OUTPUT

Enter the Binary Message

110010101010

The encrypted string is :110010101010

