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Registration No : 2021BIT019

Subject : DAA

Practical No 01

Aim : Decimal to Binary

```
public class dectobin{
    void convert(int n){
        int[] binary = new int[40];
        int i=0;
        while(n>0){
            binary[i++] = n % 2;
            n = n/2;
        }

        for(int j=i-1;j>0;j--){
            System.out.println(binary[j]);
        }
    }
    public static void main(String[] args) {
        dectobin A = new dectobin();
        A.convert(322);
    }
}
```

```
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$ /usr/bin/env C:\\Program\\ Files\\Java\\jdk-19\\bin\\java.exe
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```

Aim : reverse string using recursion

```
public class reversestring {

    String reverse(String s) {
        if (s == null || s.length() < 1) {
            return s;
        }
        return reverse(s.substring(1)) + s.charAt(0);
    }

    public static void main(String[] args) {
        reversestring A = new reversestring();
        String str = A.reverse("ujjwal");
        System.out.println(str);
    }
}
```

```
}
```

```
}
```

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$ /usr/bin/env C:\\Program\\ Files\\Java\\jdk-19\\bin\\java.exe -XX:  
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