

# ASSIGNMENT-1:-

1:-WRITE A JAVA PROGRAM TO REVERSE A STRING USING LOOP?

**Program:-**

```
class Reverse
{
    public static void main(String[]args)
    {
        String string="Shailu";
        String reversedStr="";
        for(int i=string.length()-1;i>=0;i--)
        {
            reversedStr = reversedStr + string.charAt(i);

        }
        System.out.println("original string:" + string);
        System.out.println("Reverse of given string:" +
reversedStr);
    }
}
```

### Output:-

original string:Shailu

Reverse of given string:uliahS

2:-WRITE A JAVA PROGRAM TO CHECK THE ENTIRE  
USER NUMBER VALID OR NOT?

### Program:-

```
import java.util.*;
import java.util.Scanner;
public class usernumber
{
    public static void main(String[] args)
    {
        Scanner input = new Scanner(System.in);
        System.out.println("enter usernumber:");
        String S1 = input.nextLine();
        System.out.println("reenter usernumber:");
        String S2 = input.nextLine();
        if (S1.equals(S2))
        {
```

```
System.out.println("The user number is valid");
}
else
{
System.out.println("The user number is not valid");
}
}
}
```

### Output:-

```
enter usernumber:
9963143496
reenter usernumber:
9963143496
The user number is valid
```

3:-WRITE A JAVA PROGRAM TO REVERSE A NUMBER USING LOOP?

### Program:-

```
class ReverseNumber
{
```

```
public static void main(String[] args)
{
int number = 987654, reverse = 0;
while(number != 0)
{
int remainder = number % 10;
reverse = reverse * 10 + remainder;
number = number/10;
}
System.out.println("The reverse of the given number is:
" + reverse);
}
}
```

**Output:-**

The reverse of the given number is: 456789

4:-WRITE A JAVA PROGRAM TO FIND WHETHER THE PERSON IS ELIGIBLE FOR VOTE OR NOT IF NOT PRINT HOW MANY YEARS LEFT TO VOTE?

**Program:-**

```
import java.util.*;
```

```
class Voting{
    public static void main(String[]args){
        int age,diff;
        Scanner scan = new Scanner(System.in);
        System.out.println("please enter your age:");
        age=scan.nextInt();
        if(age>=18)
        {
            System.out.println("you are eligible for voting");
        }
        else
        {
            diff=(18-age);
            System.out.println("sorry,you can vote
after:"+diff+" years");
        }
    }
}
```

**Output:-**

please enter your age:14

sorry,you can vote after:4 years