

# CSA0985 – PROGRAMMING IN JAVA FOR MOBILE APPLICATIONS.

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1. Write a java program to reverse word using loop?

Ans: *class reverse*

```
{  
  
    public static void main(String[] args)  
    {  
  
        String str="nani",nstr="";  
  
        char ch;  
  
        System.out.print("Original word: ");  
  
        System.out.println("nani");  
  
  
        for(int i=0;i<str.length();i++)  
        {  
            ch=str.charAt(i);  
            nstr=ch+nstr;  
        }  
  
        System.out.println("Reverse word:"+nstr);  
    }  
}
```

2. Write a java program to find enter is valid or not?

Ans: `import java.util.regex.Pattern;`

```
public class SimpleUserNameValidator {  
    public static void main(String[] args) {  
        String username = "Nani12";  
        String regexPattern = "[a-zA-Z0-9]{5,15}$";  
        if (Pattern.matches(regexPattern, username)) {  
            System.out.println("Username is valid.");  
        } else {  
            System.out.println("Username is invalid.");  
        }  
    }  
}
```

3. Write a java program to reverse a number using loop?

Ans: `class number`

```
{  
    public static void main(String[] args)  
    {  
        int num = 1234, reversed = 0;  
        System.out.println("Original Number: " + num);  
        while(num != 0)  
        {  
            int digit = num % 10;  
            reversed = reversed * 10 + digit;
```

```
num /= 10;

    }

    System.out.println("Reversed Number: " + reversed);

}

}
```

4. Write a java program to find whether person is eligible to vote (or) not?

Ans :        *public class Voting*

```
{

    public static void main(String[] args)

    {

        int age=12, diff;

        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");

        }

    }

}
```