

**Lab4 - Topic** - Writing, compiling and executing a simple Java program

- Giving input to the program in Java
- Use of control statements in Java
- Use of iteration statements in Java

**Examples**

1. Program to print your name, roll no, section and branch in separate lines.
2. Program to print the corresponding grade for the given mark using if..else statement in Java
3. Program to print the corresponding week day for the given day no. of the current month using switch..case statement in Java
4. Program to check a user entered number is palindrome or not.
5. Write a program in Java to take first name and last name from user and print both in one line as last name followed by first name.

Q1.

```
public class q1 {

    public static void main (String args[]) {

        System.out.println("Name : Aviroop Paul");
        System.out.println("Roll : 20051136");
        System.out.println(" Branch: CSE");
        System.out.println("Section: CSE-22");

    }

}
```

```
PS C:\Users\KIIT\Documents\KIIT do
4\WT Lab\Lab-4\" ; if ($?) { java
Name: Aviroop Paul
Roll: 20051136
Branch: CSE
Section: CSE-22
PS C:\Users\KIIT\Documents\KIIT do
```

Q2.

```
import java.util.Scanner;

public class q2 {

    public static void main (String[] args) {

        int marks;
        Scanner sc = new Scanner (System.in);
        System.out.println("Enter your total marks : ");
        marks = sc.nextInt();

        if (marks < 40) {
            System.out.println("fail");
        } else if (marks >= 40 && marks < 50) {
            System.out.println("D Grade");
        } else if (marks >= 50 && marks < 60) {
            System.out.println("C Grade");
        } else if (marks >= 60 && marks < 70) {
            System.out.println("B Grade");
        } else if (marks >= 70 && marks < 80) {
            System.out.println("A Grade");
        } else if (marks >= 80 && marks < 90) {
            System.out.println("E Grade");
        } else {
            System.out.println("O Grade");
        }

    }

}
```

```
PS C:\Users\KIIT\Documents\KIIT do
4\WT Lab\Lab-4\" ; if ($?) { java
Enter your total marks:
85
E grade
PS C:\Users\KIIT\Documents\KIIT do
```

Q3.

```
import java.util.*;

public class q3 {

    public static void main (string s[]) {

        Scanner sc = new Scanner (System.in);
        System.out.println("Enter the number of the day: ");
        int day = sc.nextInt();

        switch (day) {

            case 1:
                System.out.println("Monday");
                break;

            case 2:
                System.out.println("Tuesday");
                break;

            case 3:
                System.out.println("Wednesday");
                break;

            case 4:
                System.out.println("Thursday");
                break;

            case 5:
                System.out.println("Friday");
                break;

            default:
                System.out.println("Weekend");
                break;

        }

    }

}
```

```
PS C:\Users\KIIT\Documents\KIIT
4\WT Lab\Lab-4\" ; if ($?) { java
Enter the number of the day:
5
Friday
PS C:\Users\KIIT\Documents\KIIT
```

Q5.

```
import java.util.*;

public class q5 {

    public static void main (String s[]) {

        Scanner sc = new Scanner (System.in);
        System.out.println("Enter your first name:");
        String fname = sc.next();
        System.out.println("Enter your Last name:");
        String lname = sc.next();
        System.out.println(lname + " " + fname);

    }

}
```

```
WT Lab\Lab-4\" ; if ($?) { java
Enter your first name:
Aviroop
Enter your last name:
Paul
Paul Aviroop
PS C:\Users\KIIT\Documents\KIIT
```

NAME : AVIROOP PAUL

SECTION: CSE-22

ROLL No.: 20051136