KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT)

Deemed to be University U/S 3 of the UGC Act, 1956

School of Computer Engineering

WT LAB - 4

Submitted By :

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Roll No. : 2006270

Section: IT-04

Branch : Information Technology

Q-1 Write a Java Program to print your name, roll no., section & branch in separate lines.
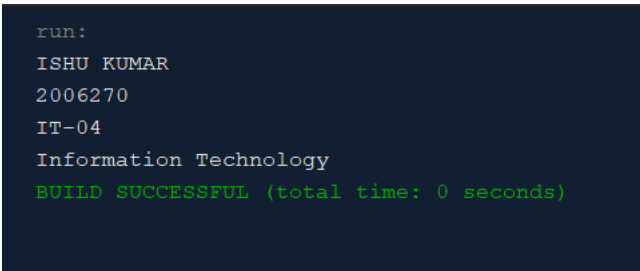
Code :-

```java
public class Q1{

   public static void main(String arg[])
   {
      System.out.println("ISHU KUMAR");
      System.out.println("2006270");
      System.out.println("IT-04");
      System.out.println("Information Technology");
   }



}
```
ISHU KUMAR 2006270

OUTPUT:

```
run:
ISHU KUMAR
2006270
IT-04
Information Technology
BUILD SUCCESSFUL (total time: 0 seconds)
```

Q-2 Write a Java Program to print the corresponding grade for the given marks using if...else statement.

Code :-
```java
package lab4;
import java.util.*;
public class Q2 {


public static void main(String[] args)
{
System.out.println("Enter the marks of 5 subjects : "); Scanner sc = new
Scanner(System.in);
int m1 = sc.nextInt(); int m2 = sc.nextInt(); int m3 = sc.nextInt(); int m4 = sc.nextInt();
int m5 = sc.nextInt();
double avg = ((double)(m1+m2+m3+m4+m5))/5; System.out.println("Average :
```

```java
"+avg);

char grade; if(avg>=90)
{
grade = 'O';


}
else if(avg>=80 && avg < 90)
{
grade ='E';
}
else if(avg>=70 && avg < 80)
{
grade ='A';
}
else if(avg>=60 && avg < 70)
{
grade ='B';
}
else if(avg>=50 && avg < 60)
{
grade ='C';
}else if(avg>=40 && avg < 50)
{
grade ='D';
}
else
{
grade ='F';
}
System.out.println("Grade : "+grade);
}
}
```

OUTPUT:

```
run:
Enter the marks of 5 subjects :
90
89
78
67
89
Average : 82.6
Grade : E
BUILD SUCCESSFUL (total time: 8 seconds)
```

Q-3 Write a Java Program to print the corresponding weekday for the given number of the current month using switch case statement in Java.

CODE:

```java
import java.util.*;
public class Q3
{
    public static void main(String[] args)
    {
        Scanner sc= new Scanner(System.in);
        System.out.println("Input Number:");
        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;
        }
    }
}
```

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OUTPUT:

```
run:
Input Number:
4
Thursday
BUILD SUCCESSFUL (total time: 2 seconds)
```

Q-4 Write a Java Program to check a user-entered number is a palindrome or not.

Code :-

```java
import java.util.*;
public class Q4 {
  public static void main(String[] args) {
   int r,sum=0,temp;
   Scanner sc= new Scanner(System.in);
   System.out.println("Enter Number:");
      int n=sc.nextInt();

   temp=n;
   while(n>0){
    r=n%10;
    sum=(sum*10)+r;
    n=n/10;
    }
   if(temp==sum)
    System.out.println("Entered Number is a Palindrome number ");
   else
    System.out.println("Entered Number is not palindrome");
  } }
```

OUTPUT:

```
run:
Enter Number:
5
Entered Number is a Palindrome number
BUILD SUCCESSFUL (total time: 2 seconds)
```

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Q-5 Write a Java Program to take the first name & last name from a user & print both in one line as last name followed by first name.
CODE:

```java
import java.util.Scanner;

public class Q5 {
   public static void main(String args[]){
```

```java
        System.out.println("Enter the First Name :");
        Scanner sc = new Scanner(System.in);
        String first = sc.nextLine();

        System.out.println("Enter the Last Name :");
        String last = sc.nextLine();

        System.out.println(last + " " + first);


    }
}
```

OUTPUT:

```
run:
Enter the First Name :
ISHU
Enter the Last Name :
KUMAR
KUMAR ISHU
```

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