

# Assignment 2

Q1 - Input name, roll number and field of interest from user and print in the format below :

```
import java.util.Scanner;

public class input{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        String firstName = sc.nextLine();
        String lastName = sc.next();
        int rollNo = sc.nextInt();
        String fieldOfInterest = sc.next();
        System.out.println("Name : "+firstName+" "+lastName);
        System.out.println("Roll no : "+rollNo);
        System.out.println("Field of Interest :"+fieldOfInterest);
    }
}
```

2- Input two different string and print them in same line.

```
import java.util.Scanner;

public class input{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        String firstName = sc.nextLine();
        String lastName = sc.next();
        int rollNo = sc.nextInt();
        String fieldOfInterest = sc.next();
        System.out.println("Name : "+firstName+" "+lastName);
        System.out.println("Roll no : "+rollNo);
        System.out.println("Field of Interest :"+fieldOfInterest);
    }
}
```

3.If the marks of Robert in three subjects are entered through keyboard (each out of 100), write a program to calculate his total marks and percentage marks.

```
import java.util.Scanner;
```

```

public class percentage{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter first Subject:");
        int sub1 = sc.nextInt();
        System.out.print("Enter Second Subject :");
        int Sub2 = sc.nextInt();
        System.out.print("Enter Third Subject :");
        int Sub3 = sc.nextInt();
        int total = sub1+Sub2+Sub3;
        int percentage = total/3;

        System.out.println("The Total Marks is :"+total);
        System.out.println("The Percentage is :"+percentage+"%");
    }
}

```

4. Given two numbers, return their sum in the following format:

Int t representing number of test cases

T lines of Two integers representing the numbers to be added

```

import java.util.Scanner;
public class Main {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the test case: ");
        int t = sc.nextInt();
        for(int i = 1; i <= t; i++){
            int a = sc.nextInt();
            int b = sc.nextInt();
            System.out.println(a+b);
        }
    }
}

```

Given few lines of input(number of lines unknown) where each line has two strings, concatenate the strings.

```
import java.util.Scanner;

public class two {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        while(sc.hasNextLine()) {
            String a = sc.next();
            String b = sc.next();
            System.out.println(a+b);

        }
    }
}
```