LAB#03

SCANNER:

It’s a user input because it scansits own integer value. In C-language it is called Scanf while in java it is known as Scanner.

In java import is used which means to load java utility package which have class scanner.

Java.util.scanner

To use scanner in java we had to make objects to get their features.

**Way Of Making Objects:**

Scanner sc = new scanner (system.in)

\*Any class name is written in file name.

\*Sc is a new object.

\*System.in is used to get data from user.

Int a sc.next Int();

CODE#06

**SCANNER CODES:**

SUM:

import java.util.Scanner;

public class code6 {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter the value of Ath variable is :");

        int a = sc.nextInt();

        System.out.println("Enter the value of Bth variable is :");

        int b = sc.nextInt();

        int sum = a + b;

        System.out.println(sum);

    }

}

CODE#07

SUBTRACTION:

import java.util.Scanner;

public class code7 {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter the value of Ath variable is :");

        int a = sc.nextInt();

        System.out.println("Enter the value of Bth variable is :");

        int b = sc.nextInt();

        int sub = a - b;

        System.out.println(sub);

    }

}

CODE#08

MULTIPLICATION:

import java.util.Scanner;

public class code8 {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter the value of Ath variable is :");

        int a = sc.nextInt();

        System.out.println("Enter the value of Bth variable is :");

        int b = sc.nextInt();

        int multi = a \* b;

        System.out.println(multi);

    }

}

CODE#09

DIVISION:

import java.util.Scanner;

public class code9 {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter the value of Ath variable is :");

        int a = sc.nextInt();

        System.out.println("Enter the value of Bth variable is :");

        int b = sc.nextInt();

        int div = a/b;

        System.out.println(div);

    }

}

CODE#10

**MODULUS:**

import java.util.Scanner;

public class code10 {

  public static void main(String[] args) {

    Scanner sc = new Scanner (System.in);

    System.out.println("Enter the value of Ath variable is :");

    int a = sc.nextInt();

    System.out.println("Enter the value of Bth variable is :");

    int b = sc.nextInt();

    int mod = a % b;

      System.out.println(mod);

  }

}