**Problem Statement - 1**

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Write a program that takes two integers (values to be given within the program) and displays the output of the following operators: addition, subtraction, multiplication, division and modulus.

Definition of Done:

DoD 1: Assign two numbers to two variables.

DoD2: Use separate variables to store the results.

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import java.util.Scanner;

/\*\*

 \* practical\_1\_problem\_statement\_1

 \*/

public class practical\_1\_problem\_statement\_1 {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.print("\nEnter Number 1: ");

        int a = sc.nextInt();

        System.out.print("Enter Number 2: ");

        int b = sc.nextInt();

        int sum = a + b;

        int sub = a - b;

        int mul = a \* b;

        int div = a / b;

        int mod = a % b;

        System.out.println("\n\n");

        System.out.println("Addition         :   " + a + " + " + b + " = " + sum);

        System.out.println("Subttraction     :   " + a + " - " + b + " = " + sub);

        System.out.println("Multiplication   :   " + a + " x " + b + " = " + mul);

        System.out.println("Division         :   " + a + " / " + b + " = " + div);

        System.out.println("Modulus          :   " + a + " % " + b + " = " + mod);

        System.out.println("\n\n");

    }

}

**Output:**

Graphical user interface, text, email

Description automatically generated

**Problem Statement - 2**

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Write a Java program to convert minutes into the number of years, months and days.

Definition Of Done :

DoD 1: Ask the user to input the minutes

DoD 2: Display years and months and days in the sequence yy-mm-dd.

\*/

import java.util.Scanner;

/\*\*

 \* practical\_1\_problem\_statement\_2

 \*/

public class practical\_1\_problem\_statement\_2 {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.print("\n\nEnter Number of Minutes: ");

        int minutes = sc.nextInt();

        int years = minutes / (60 \* 24 \* 365);

        int r1 = minutes % (60 \* 24 \* 365);

        int months = r1 / (60 \* 24 \* 30);

        int r2 = r1 % (60 \* 24 \* 30);

        int days = r2 / (60 \* 24);

        int r3 = r2 % (60 \* 24);

        int hours = r3 / (60);

        System.out.println("\nEntered Minutes in the Format hh--dd-mm-yy: " + hours + "--" + days + "--" + months + "--" + years);

    }

}

**Output:**

Graphical user interface, text, application, email

Description automatically generated