# Creating an Arithmetic Calculator

## Project objective:

As a developer, write a program to create an arithmetic calculator.

## Background of the problem statement:

As a developer, write a Java code to create a calculator to perform the four basic arithmetic operations (addition, subtraction, multiplication, and division).

## You must use the following:

- Eclipse/IntelliJ: An IDE to code for the application
- Java: A programming language
- Git: To connect and push files from the local system to GitHub
- GitHub: To store the application code and track its versions
- Core Java concepts: Variables, data types, operators, type casting, control statements, class, objects, access specifiers, and core keywords like final, this, and static

## Following requirements should be met:

- The versions of the code should be tracked on GitHub repositories.
- The *calculator* should work properly.

## Code:-

```java
package com.anand.assistedproject.training;
import java.util.Scanner;
public class Calculatorproject
{
        public static void main(String[] args) {
                @SuppressWarnings("resource")
                Scanner sc=new Scanner(System.in);
                System.out.println("Enter the two numbers:");
                int num1=sc.nextInt();
                int num2= sc.nextInt();
                System.out.println("Enter the operator:");
                char op=sc.next().charAt(0);
                double Result = 0;
                switch(op){
                        case '+': Result = num1+num2;
                        break;
                        case '-': Result = num1-num2;
                        break;
                        case '*': Result = num1*num2;
```

```
		break;
		case '/': Result = num1/num2;
		break;
		case '%': Result = num1%num2;
		break;
		}
		System.out.println("Your Result is:" + Result);
	}

}
```

**Output**:-