

Simple Arithmetic Calculator

Project objective:

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).

- Core Java concepts: Variables, data types, operators, conditional statements, class, object.

STEP 1: Instantiate the main class

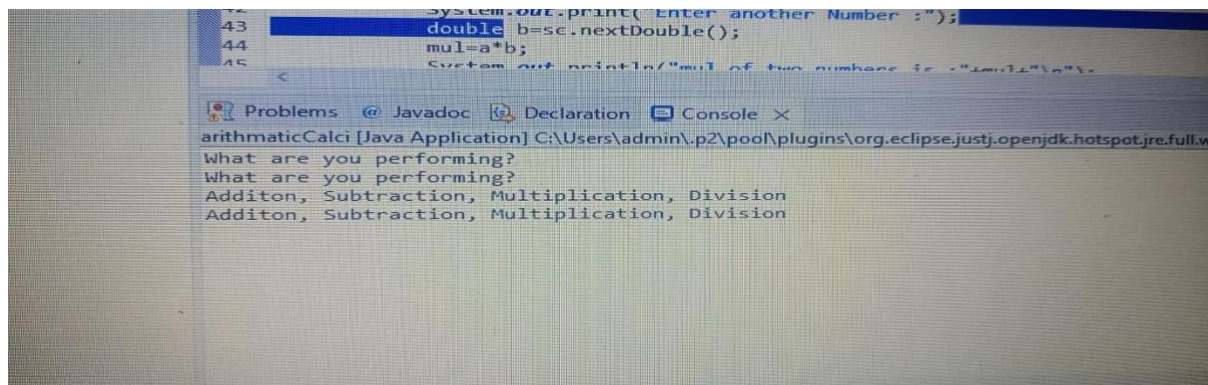
STEP 2: Declare a double variable and declare the scanner class.

STEP 3: Initialize while loop to run for multiple cycles.

STEP 4: The operator is passed into the loop and perform for correct match.

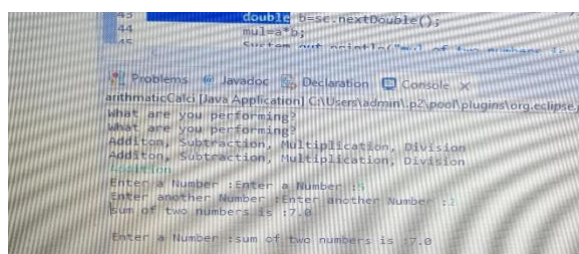
STEP 5: Once the correct match occurs, the loop is terminated, and compiler prints the result to enter numbers.

The details of the user interface are shown to the user. The user has to select from the options listed-



*User is presented with the set of operations to perform on two numbers.

*Option can be chosen by entering the index number preceding the operation.



*User is prompted with two input numbers and result is computed.

