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

**import** java.io.\*;

**import** java.lang.\*;

**import** java.lang.Math;

**import** java.util.Scanner;

**public** **class** Calculator {

**public** **static** **void** main(String[] args) {

**double** num1, num2;

Scanner sc = **new** Scanner(System.***in***);

System.***out***.println("Enter the numbers");

num1 = sc.nextDouble();

num2 = sc.nextDouble();

System.***out***.println("Enter the operator (+,-,\*,/)");

**char** op = sc.next().charAt(0);

**double** o = 0;

**switch** (op) {

**case** '+':

o = num1 + num2;

**break**;

**case** '-':

o = num1 - num2;

**break**;

**case** '\*':

o = num1 \* num2;

**break**;

**case** '/':

o = num1 / num2;

**break**;

**default**:

System.***out***.println("You enter wrong input");

}

System.***out***.println("The final result:");

System.***out***.println();

System.***out***.println(num1 + " " + op + " " + num2 + " = " + o);

}

}

