**package** p1;

// Java program for arithmetical calculator

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

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

**import** java.lang.Math;

**import** java.util.Scanner;

**public** **class** arithmeticcal {

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

{

// stores two numbers

**double** a, b;

// Take input from the user

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

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

// take the inputs

a = sc.nextDouble();

b = sc.nextDouble();

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

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

**double** o = 0;

**switch** (op) {

// case to add two numbers

**case** '+':

o = a + b;

**break**;

// case to subtract two numbers

**case** '-':

o = a - b;

**break**;

// case to multiply two numbers

**case** '\*':

o = a \* b;

**break**;

// case to divide two numbers

**case** '/':

o = a / b;

**break**;

**default**:

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

}

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

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

// print the final result

System.***out***.println(a + " " + op + " " + b

+ " = " + o);

}

}

Output:





