**import** java.util.Scanner;

**public** **class** ArithmeticCalculator {

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

**float** a, b; //stores two number

Scanner sc = **new** Scanner(System.***in***); //take input from user

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

a = sc.nextFloat();

b = sc.nextFloat();

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

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

**float** o = 0;

**switch** (op) {

**case** '+':// case to add two numbers

o = a + b;

**break**;

**case** '-':// case to subtract two numbers

o = a - b;

**break**;

**case** '\*':// case to multiply two numbers

o = a \* b;

**break**;

**case** '/':// case to divide two numbers

o = a / b;

**break**;

**default**:

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

**break**;

}

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

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

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

+ " = " + o);// print the final result

}

}