**package** com.mphasis.calculator;

**import** java.util.Scanner;

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

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

**double** num1;

**double** num2;

**double** ans;

**char** op;

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

System.***out***.print("Enter two numbers: ");

num1 = reader.nextDouble();

num2 = reader.nextDouble();

System.***out***.print("\nEnter an operator(+, -, \*, /): ");

op = reader.next().charAt(0);

**switch**(op) {

**case** '+': ans = num1 + num2;

**break**;

**case** '-': ans = num1 - num2;

**break**;

**case** '\*': ans = num1 \* num2;

**break**;

**case** '/': ans = num1 / num2;

**break**;

**default**: System.***out***.printf("Error! Enter correct operator");

**return**;

}

System.***out***.print("\nThe result is given as follows: \n");

System.***out***.printf(num1 + " " + op + num2 + " = " + ans);

}

}