**public** **class** calculator {

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

// for calculator in java

// 1. take input numbers and operators from user

// 2. take result variable and initialize to 0

// 3. switch based on operator

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

**double** number1 =sc.nextDouble();

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

**double** number2 =sc.nextDouble();

**double** result = 0.0;

**switch**(operator) {

**case** '+':

result = number1 + number2;

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

**break**;

**case** '-':

result = number1 - number2;

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

**break**;

**case** '\*':

result = number1 \* number2;

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

**break**;

**case** '/':

result = number1 / number2;

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

**break**;

**default** :

System.***out***.println("Invalid operator");

**break**;

}

}

}