**import** java.util.Scanner;

**class** Arithmeticalculator

{

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

{

**Char** operator;

Double number1,number2,result;

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

System.***out***.println("select one operator: +,-,\*,/");

operator = input.next().charAt(0);

System.***out***.println("Enter first number");

number1 = input.nextDouble();

System.***out***.println("Enter second number");

number2 = input.nextDouble();

**switch** (operator)

{

**case** '+':

result = number1 + number2;

System.***out***.println(number1 + "+" +number2 + "=" + result);

**break**;

**case** '-':

result = number1 - number2;

System.***out***.println(number1 + "-" +number2 + "=" + result);

**case** '\*':

result= number1 \* number2;

System.***out***.println(number1 + "\*" +number2 + "=" + result);

**break**;

**case** '/':

result= number1 / number2;

System.***out***.println(number1 + "/" +number2 + "=" + result);

**break**;

**default** :

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

**break**;

}

input.close();

}

}