**package** com.hello;

**import** java.util.Scanner;

**public** **class** ArithematicCalculator

{

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

{

**char** operator;

Double number1,number2,result;

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

System.***out***.println("Choose an operator:+,-,\*,or /");

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

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

number1=input.nextDouble();

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

**break**;

**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**;

}

}

}