

```

package com.hello;
import java.util.Scanner;
public class ArithmeticCalculator
{
    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;
}
}
}
}

```