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package com;
import java.util.Scanner;
public class ArithmeticCalculator {
    int x,y;
    ArithmeticCalculator(int x, int y)
    {
        this.x = x;
        this.y = y;
    }

    int add()
    {
        return x+y;
    }
    int sub()
    {
        return x-y;
    }

    int mul()
    {
        return x*y;
    }

    int div()
    {
        return x/y;
    }

    public static void main(String[] args) {
        char operator;
        Double number1, number2, result;
        Scanner input = new Scanner(System.in);
        System.out.println("Choose an operator: +,-,*,/");
        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;

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        case '/':
            result = number1 / number2;
            System.out.println(number1 + "/" + number2 + "=" + result);
            break;

        default:
            System.out.println("Invalid operator!");
            break;
    }

    input.close();
}
```