ArithmeticCalculator.java

Type Casting ▸ src ▸ com.accessmodifier.demo ▸ ArithmeticCalculator ▸

```java
package com.accessmodifier.demo;

import java.util.Scanner;

public class ArithmeticCalculator {

    public void addition(double input1,double input2) {
        double result=input1+input2;
        System.out.println("Addition of two numbers:"+result);
    }
    public void subtraction(double input1,double input2) {
        double result=input1-input2;
        System.out.println("Subtraction of two numbers:"+result);
    }
    public void multiplication(double input1,double input2) {
        double result=input1*input2;
        System.out.println("Multiplication of two numbers:"+result);
    }
    public void division(double input1,double input2) {
        double result=input1/input2;
        System.out.println("Division of two numbers:"+result);
    }

    public static void main(String[] args) {
        Scanner in = new Scanner(System.in);

        System.out.print("first number: ");
        double input1= in.nextDouble();
        System.out.print("Second number: ");
        double input2=in.nextDouble();

        ArithmeticCalculator obj = new ArithmeticCalculator();

```

Source code Screenshot 1

ArithmeticCalculator.java

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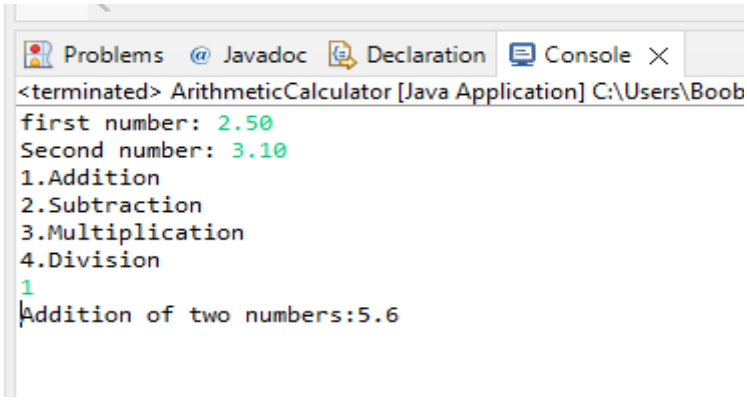
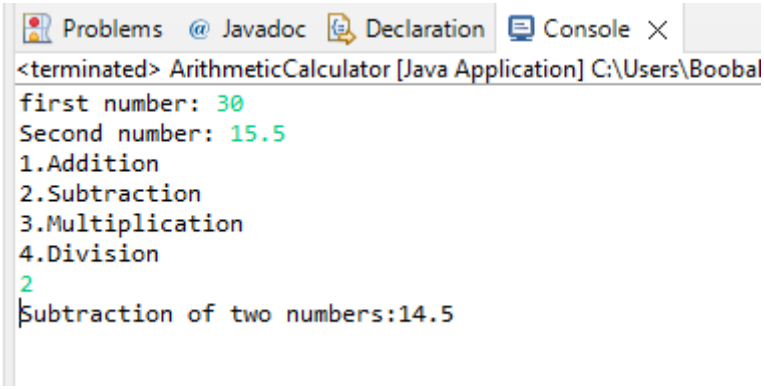
```java
    public static void main(String[] args) {
        Scanner in = new Scanner(System.in);

        System.out.print("first number: ");
        double input1= in.nextDouble();
        System.out.print("Second number: ");
        double input2=in.nextDouble();

        ArithmeticCalculator obj = new ArithmeticCalculator();

        System.out.println("1.Addition\n2.Subtraction\n3.Multiplication\n4.Division");
        int option= in.nextInt();
        switch(option){
            case 1: obj.addition(input1, input2);
            break;

            case 2: obj.subtraction(input1, input2);
            break;

            case 3: obj.multiplication(input1, input2);
            break;

            case 4: obj.division(input1, input2);
            break;

            default: System.out.println("Invalid Option!");
            break;
        }
        in.close();
    }

}
```

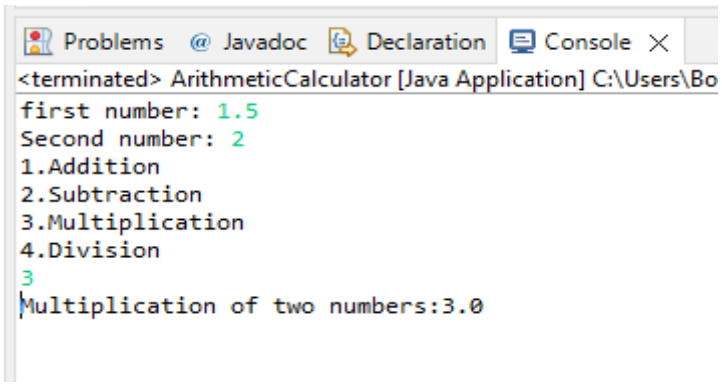
source code Screenshot 2



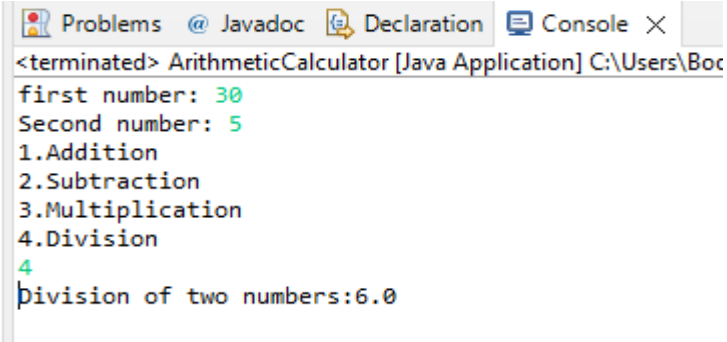
Output (Addition)



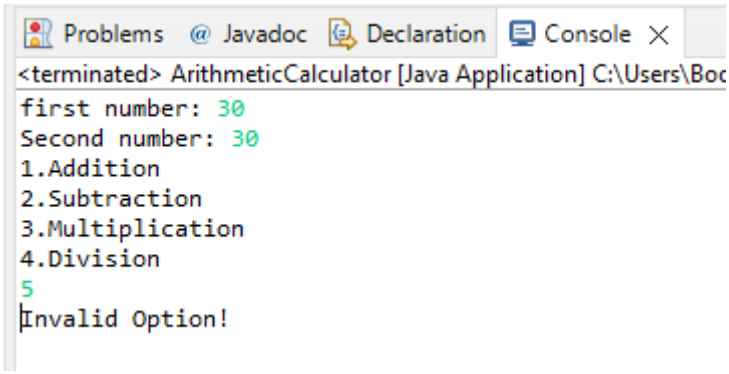
Output (Subtraction)



Output (Multiplication)



Output (Division)



Output (Invalid Option)