BÁO CÁO THỰC HÀNH LAB 1  
OBJECT ORIENTED PROGRAMMING

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The Very First Java Programs

**2.2.1 Write, compile the first Java application:**

A screenshot of a computer

Description automatically generated

**2.2.2 Write, compile the first dialog Java program.**

**A screenshot of a computer

Description automatically generated**

**2.2.3 Write, compile the first input dialog Java application**

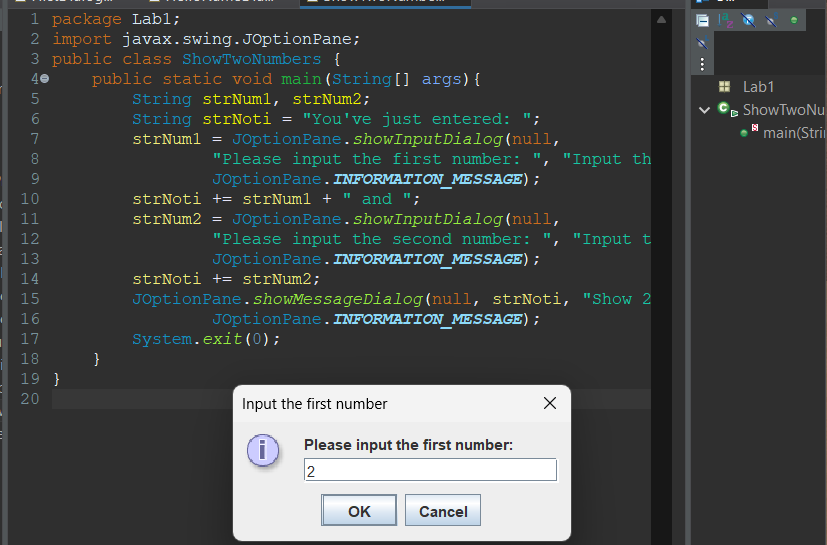
A screenshot of a computer

Description automatically generated

Graphical user interface, application

Description automatically generated

**2.2.4 Write, compile, and run the following example:**



Graphical user interface, text

Description automatically generated

Graphical user interface, text, chat or text message

Description automatically generated

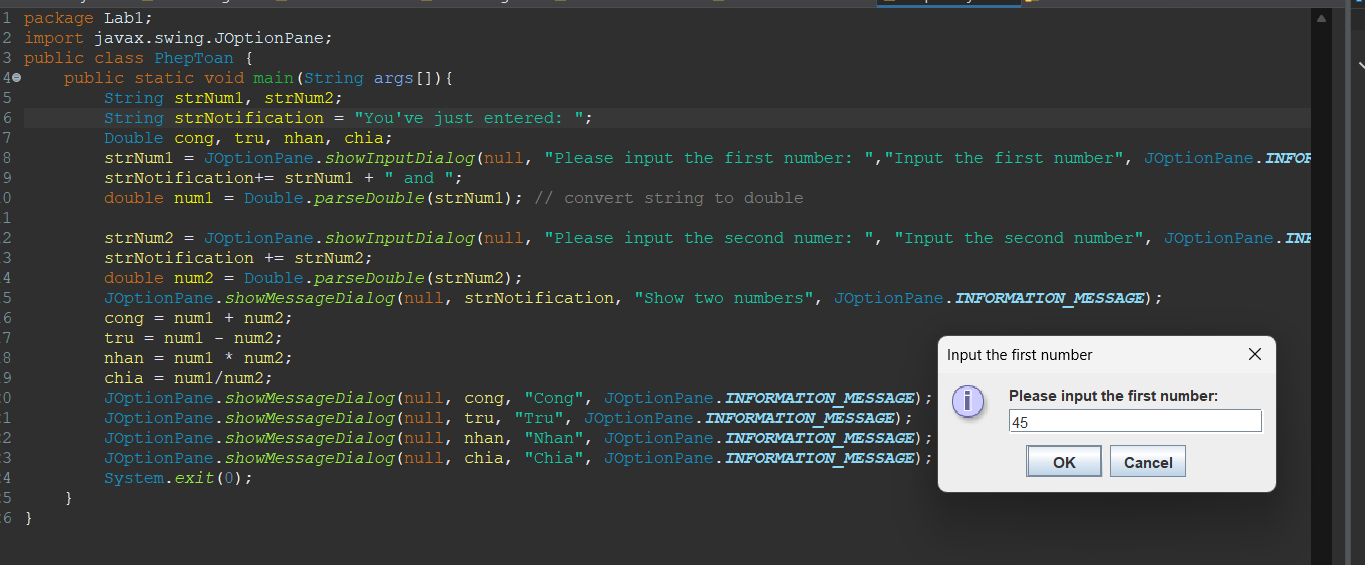
**2.2.5 Write a program to calculate sum, difference, product, and quotient of 2 double numbers which are entered by users.**

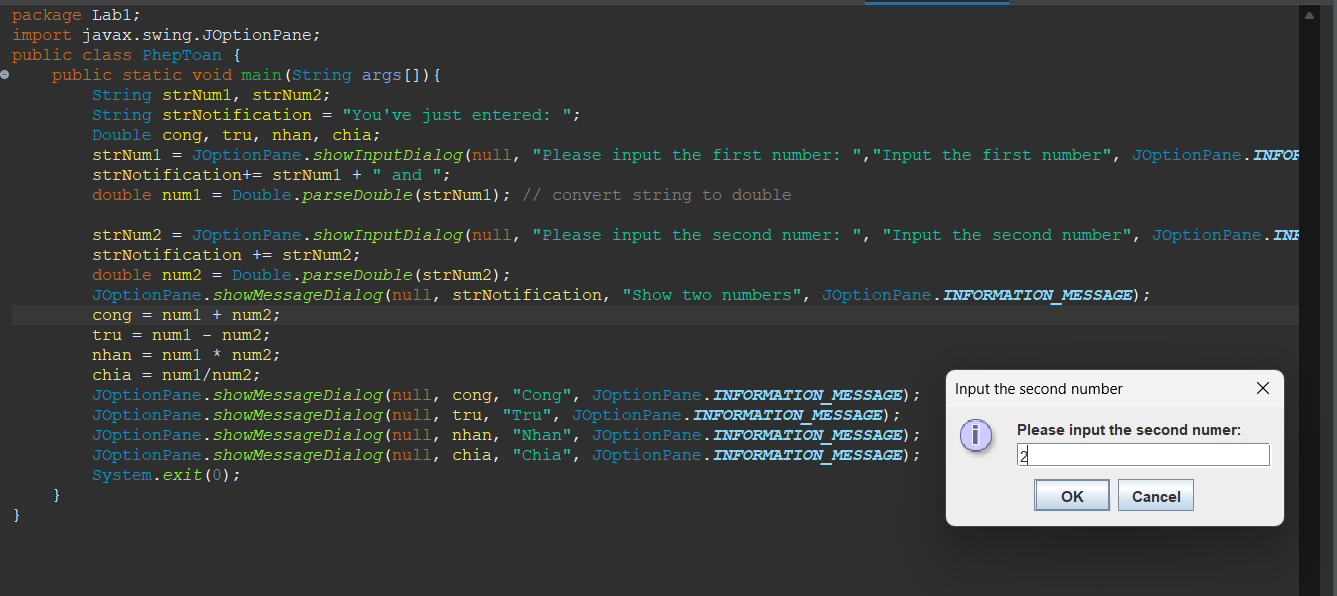
**Notes**

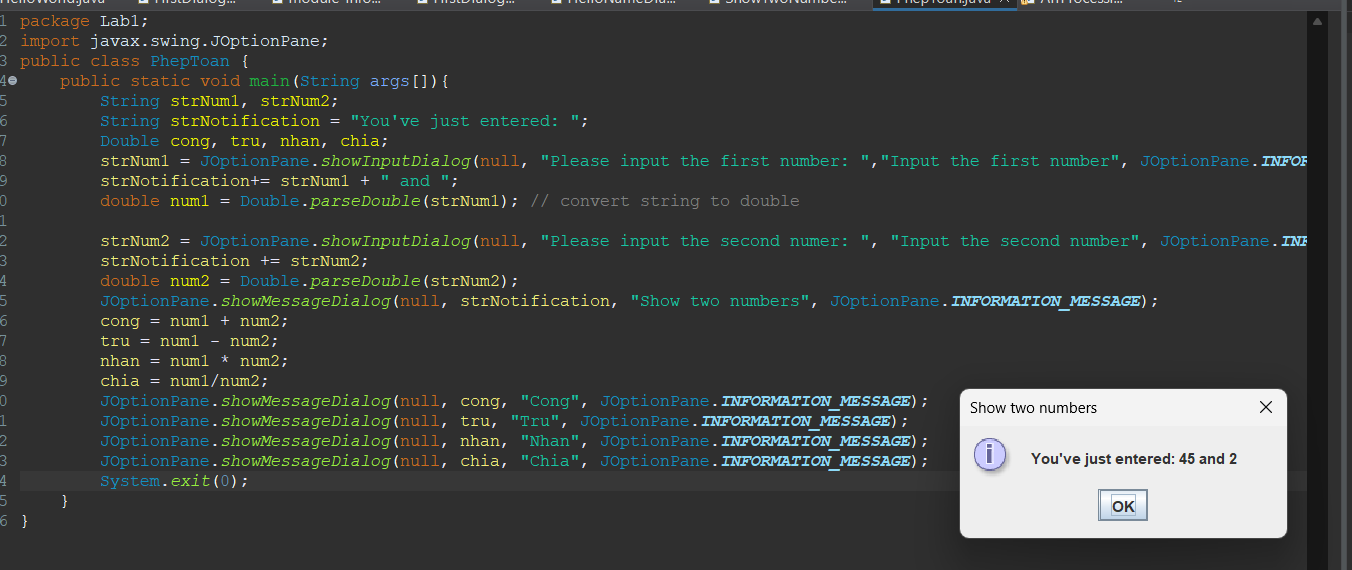
* To convert from String to double, you can use

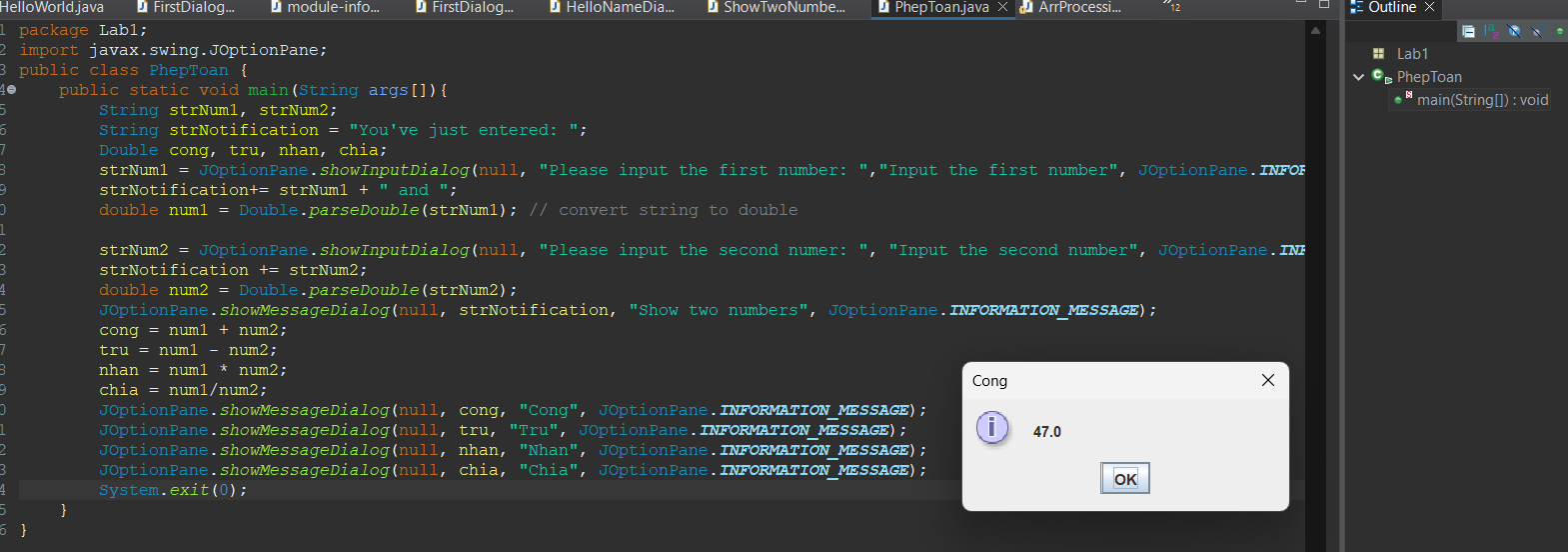
**double num1 = Double.parseDouble(strNum1)**

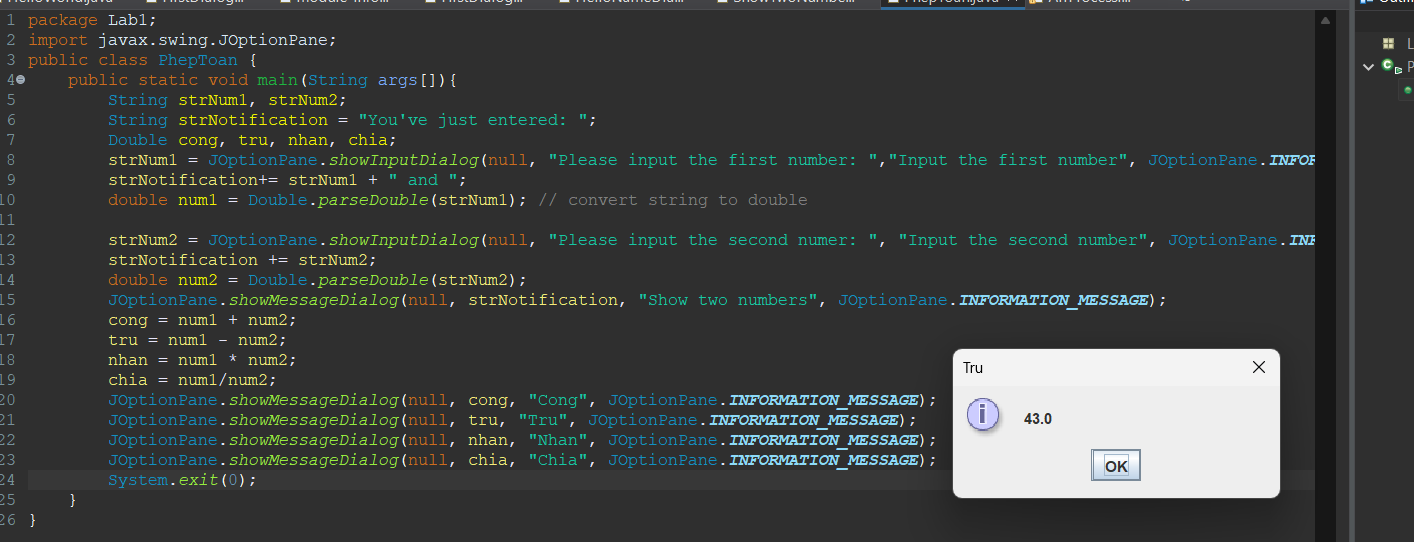
* Check the divisor of the division

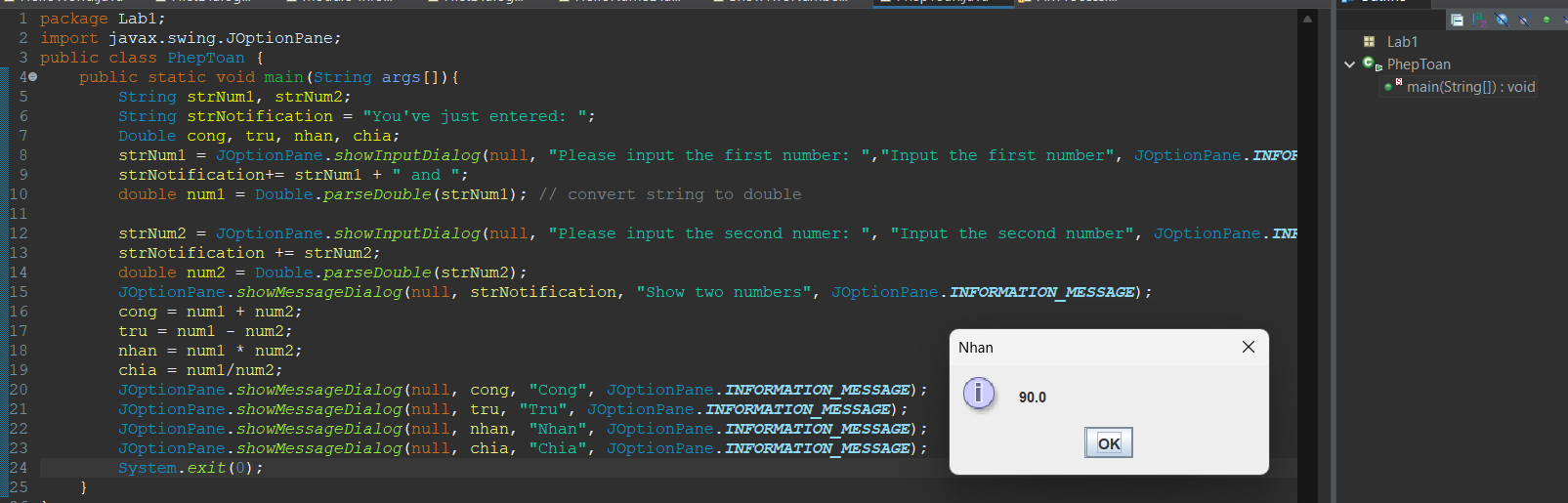


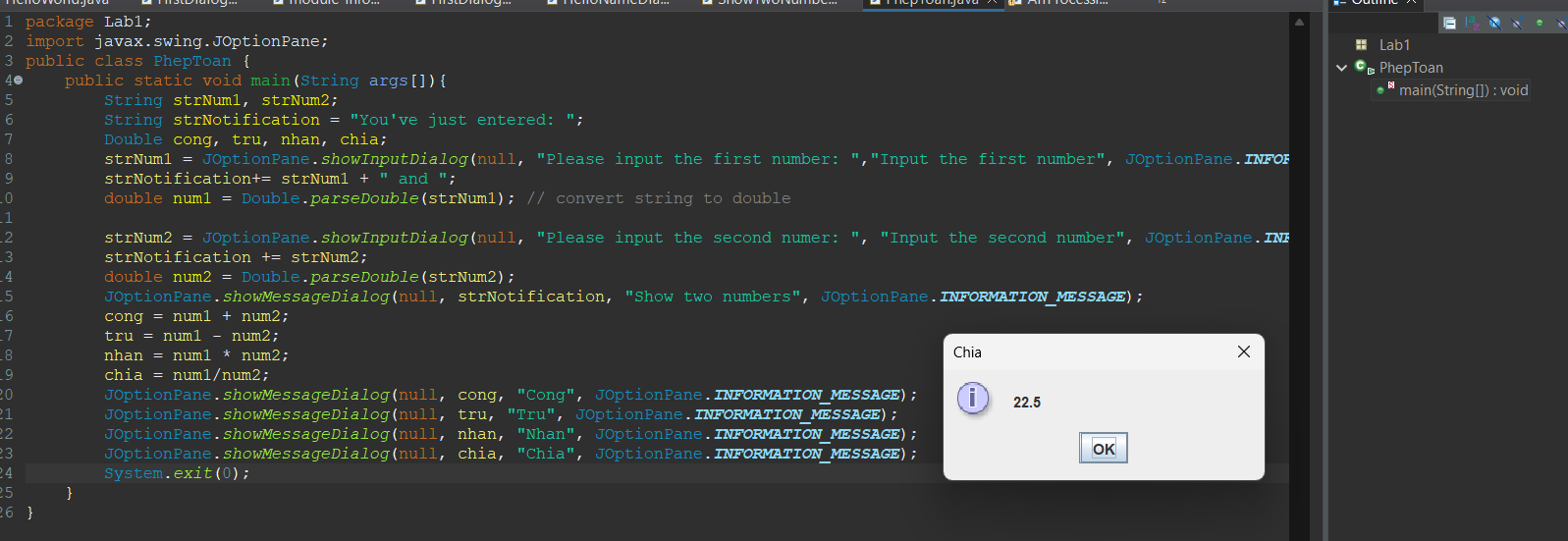






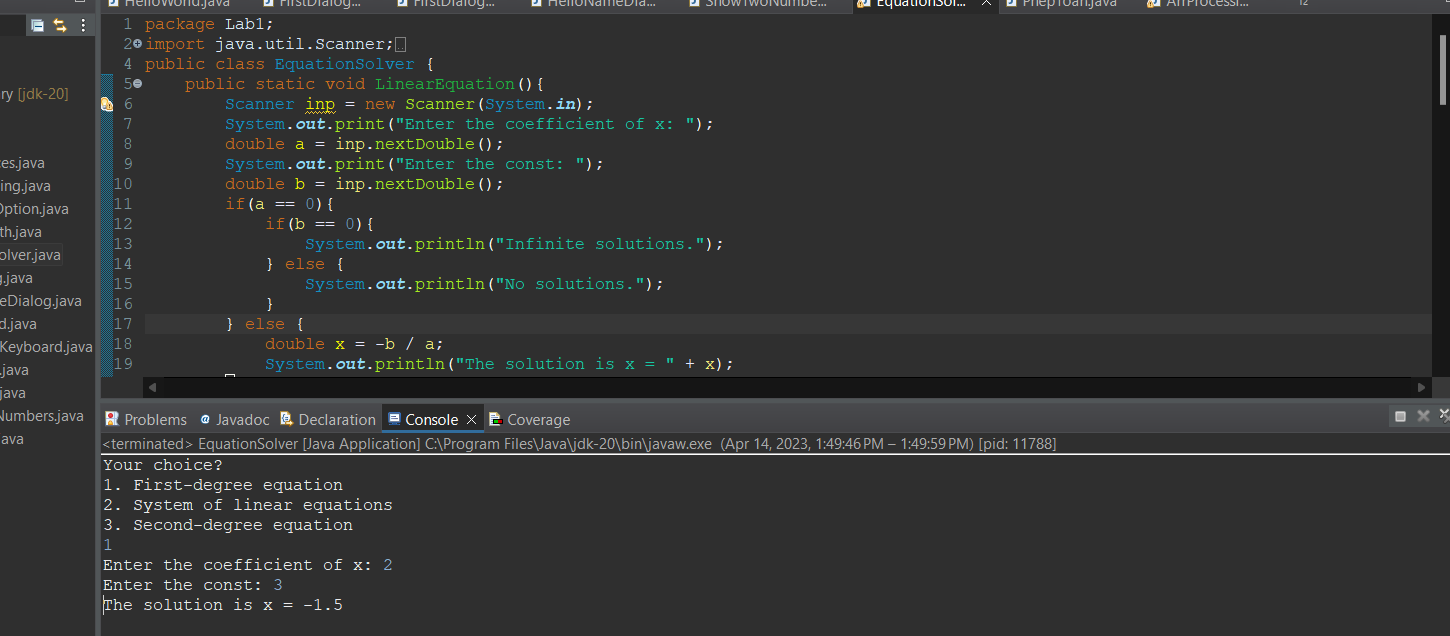




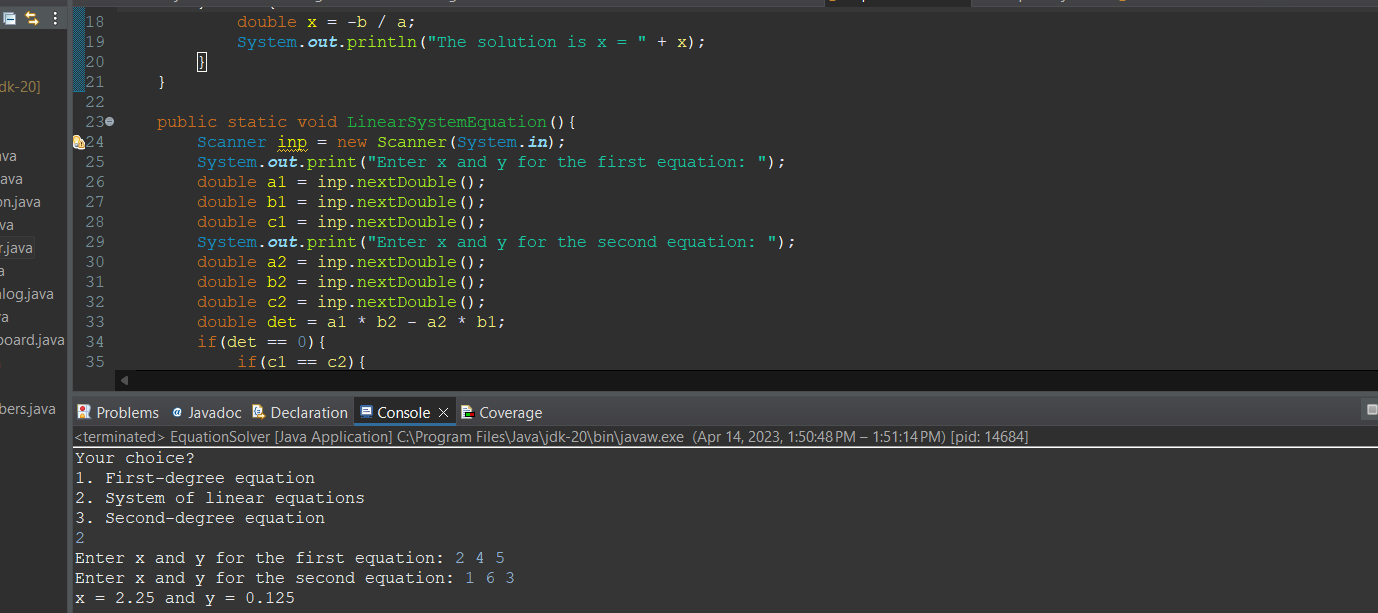


**2.2.6. Write a program to solve:**

**- The first-degree equation (linear equation) with one variable:**



**- The system of first-degree equations (linear system) with two variables:**

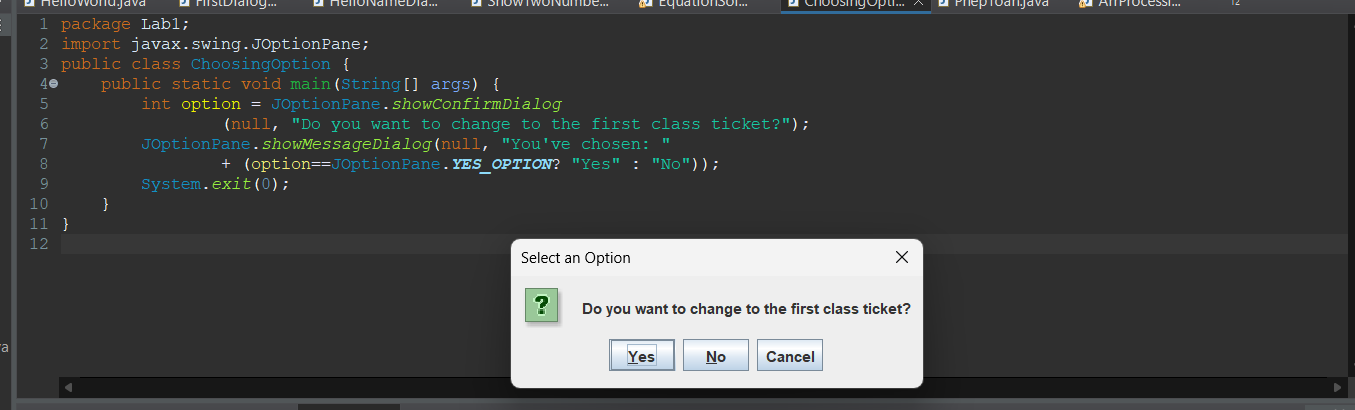


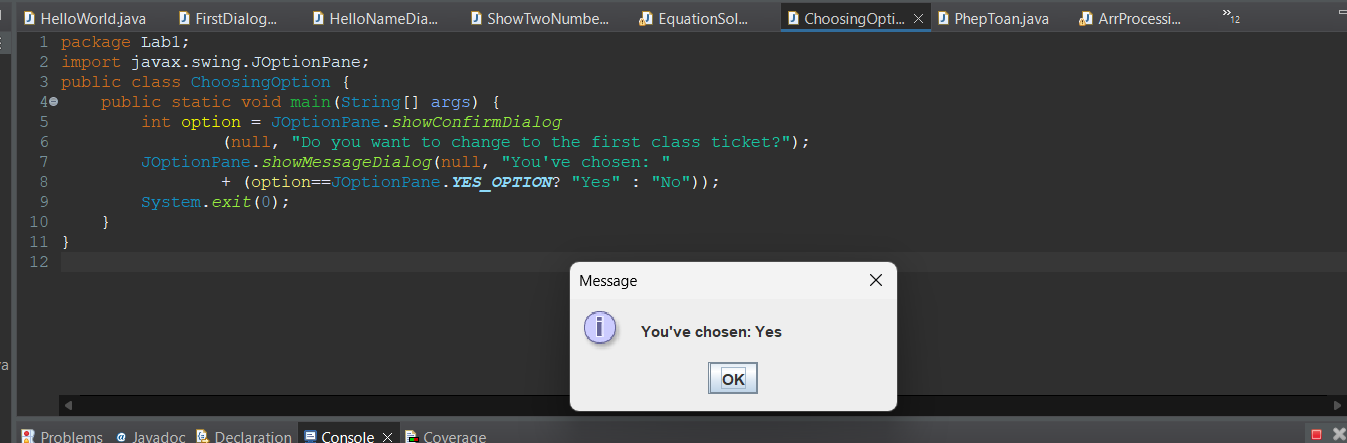
**- The second-degree equation with one variable:**

Text

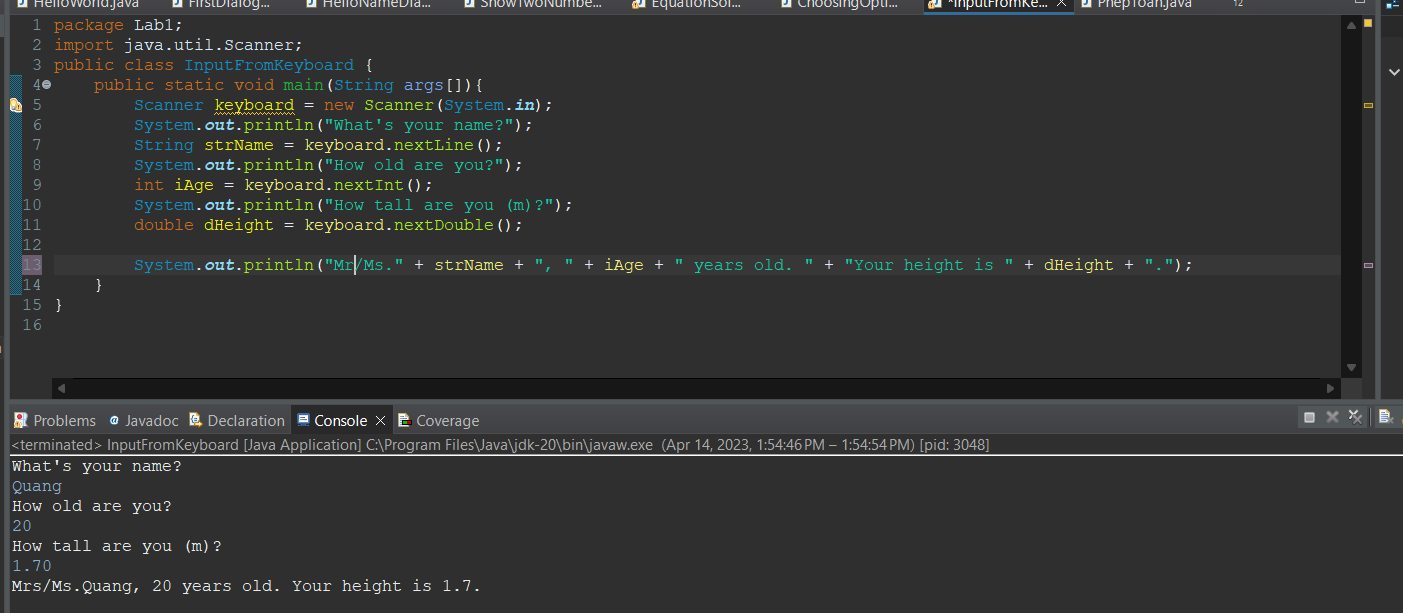
Description automatically generated

**6.1 Write, compile and run the ChoosingOption program:**

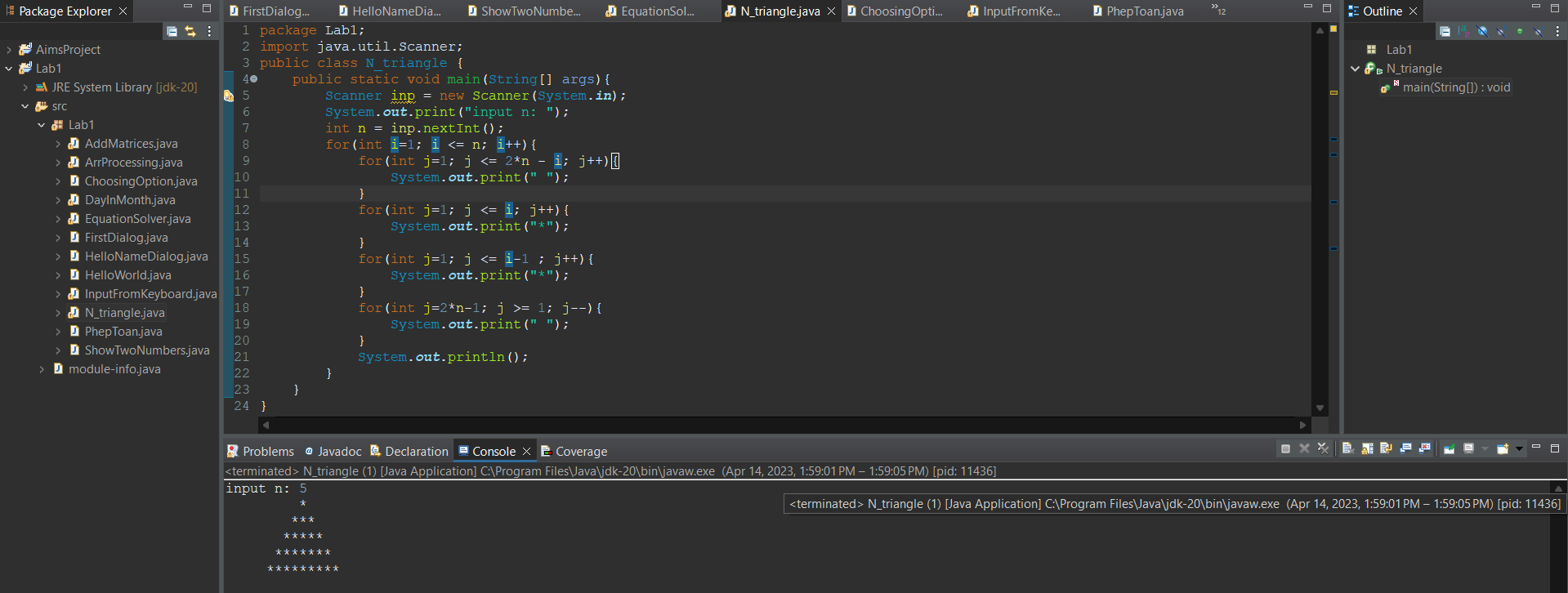




**6.2 Write a program for input/output from keyboard**

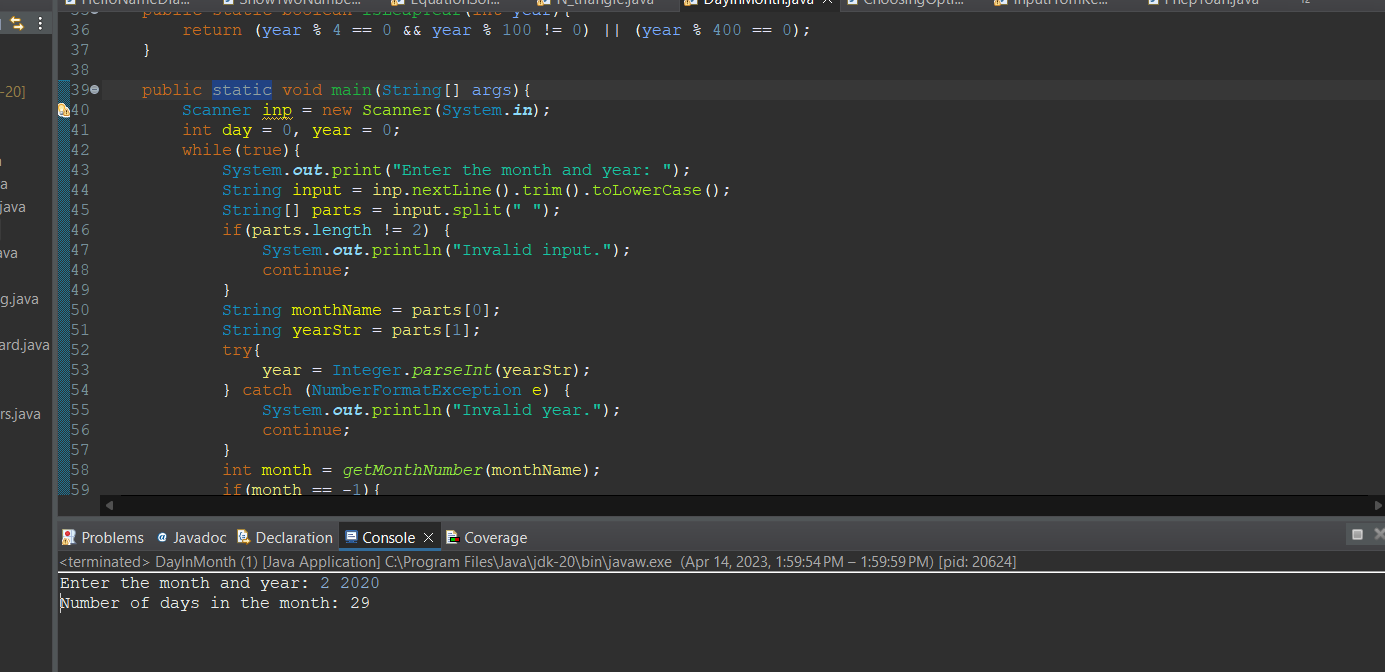


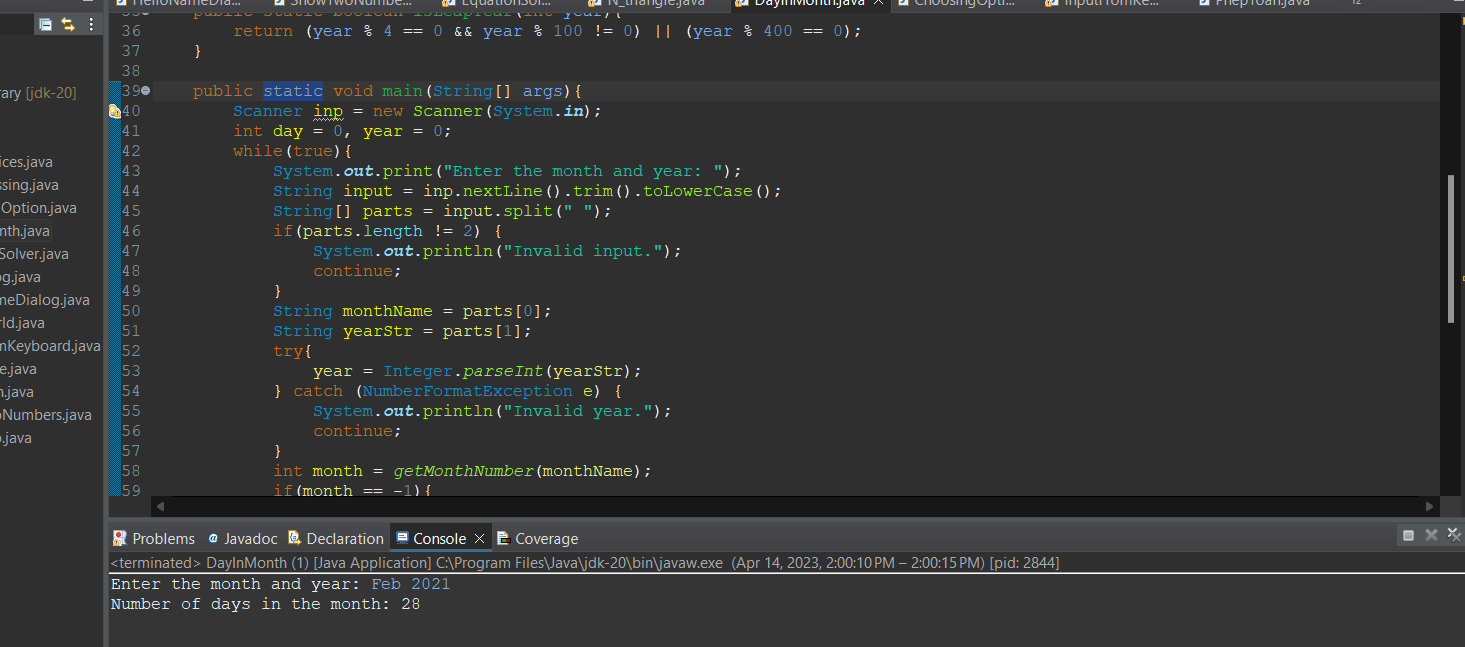
**6.3 Write a program to display a triangle with a height of n stars (\*), n is entered by users.**



**6.4 Write a program to display the number of days of a month, which is entered by users**

**(both month and year). If it is an invalid month/year, ask the user to enter again.**





Text

Description automatically generated

Invalid scenario:

Text

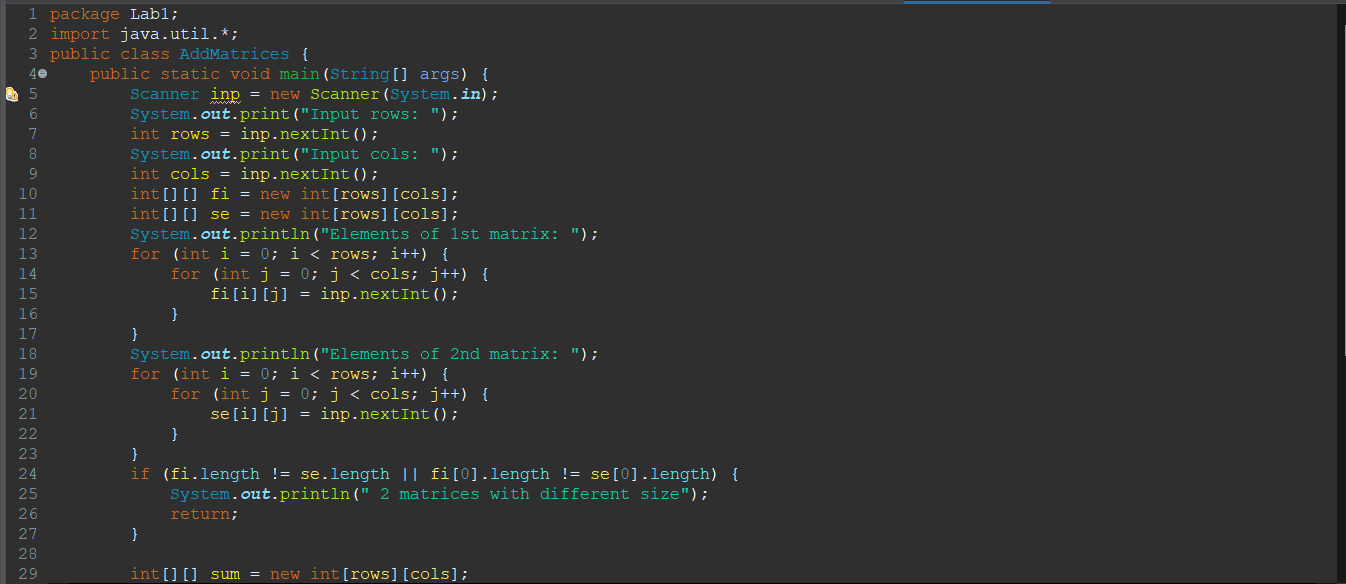
Description automatically generated

**6.5 Write a Java program to sort a numeric array, and calculate the sum and average value of array elements.**

**Text

Description automatically generated**

**6.6 Write a Java program to add two matrices of the same size.**

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**Text

Description automatically generated**

**Text

Description automatically generated**