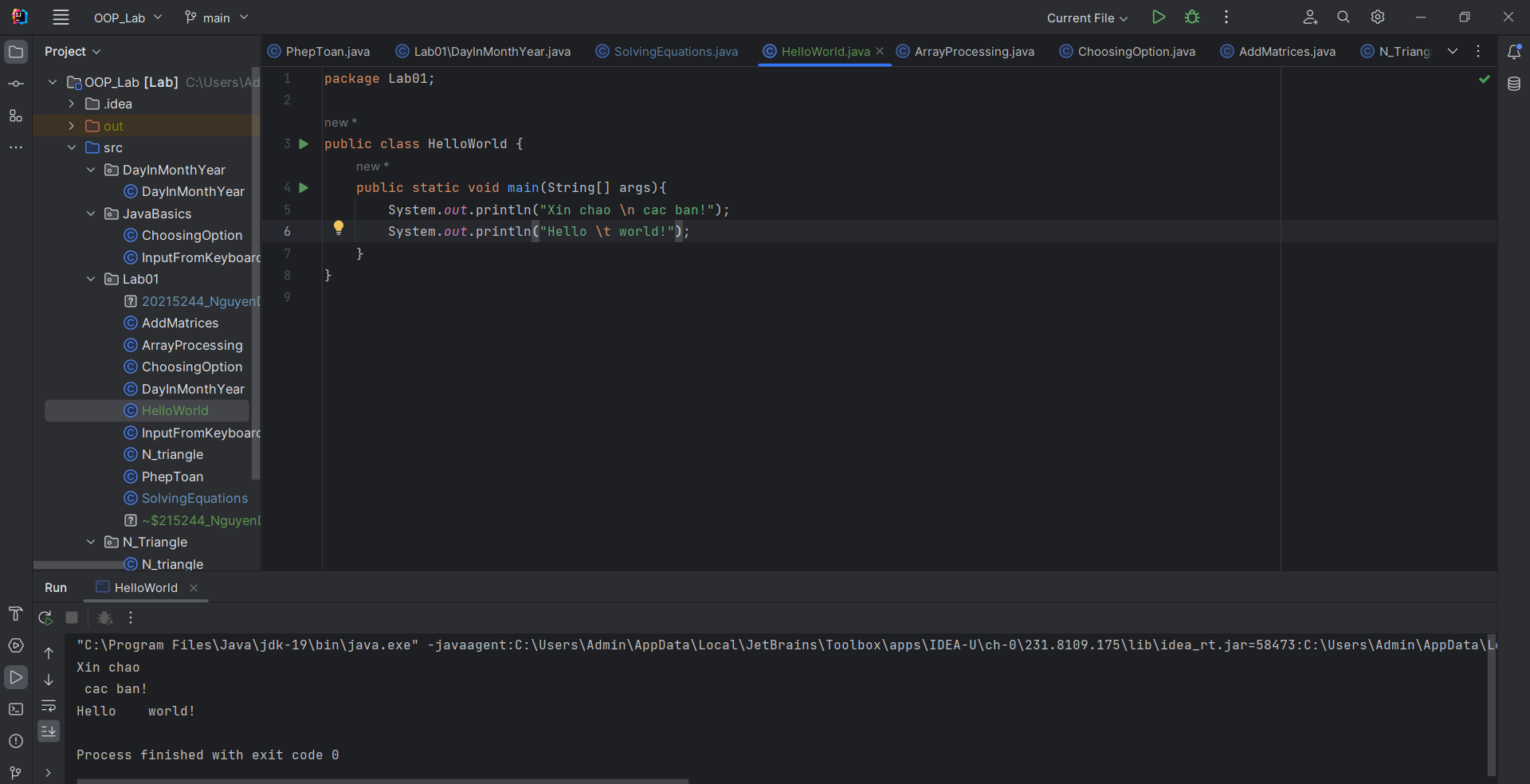
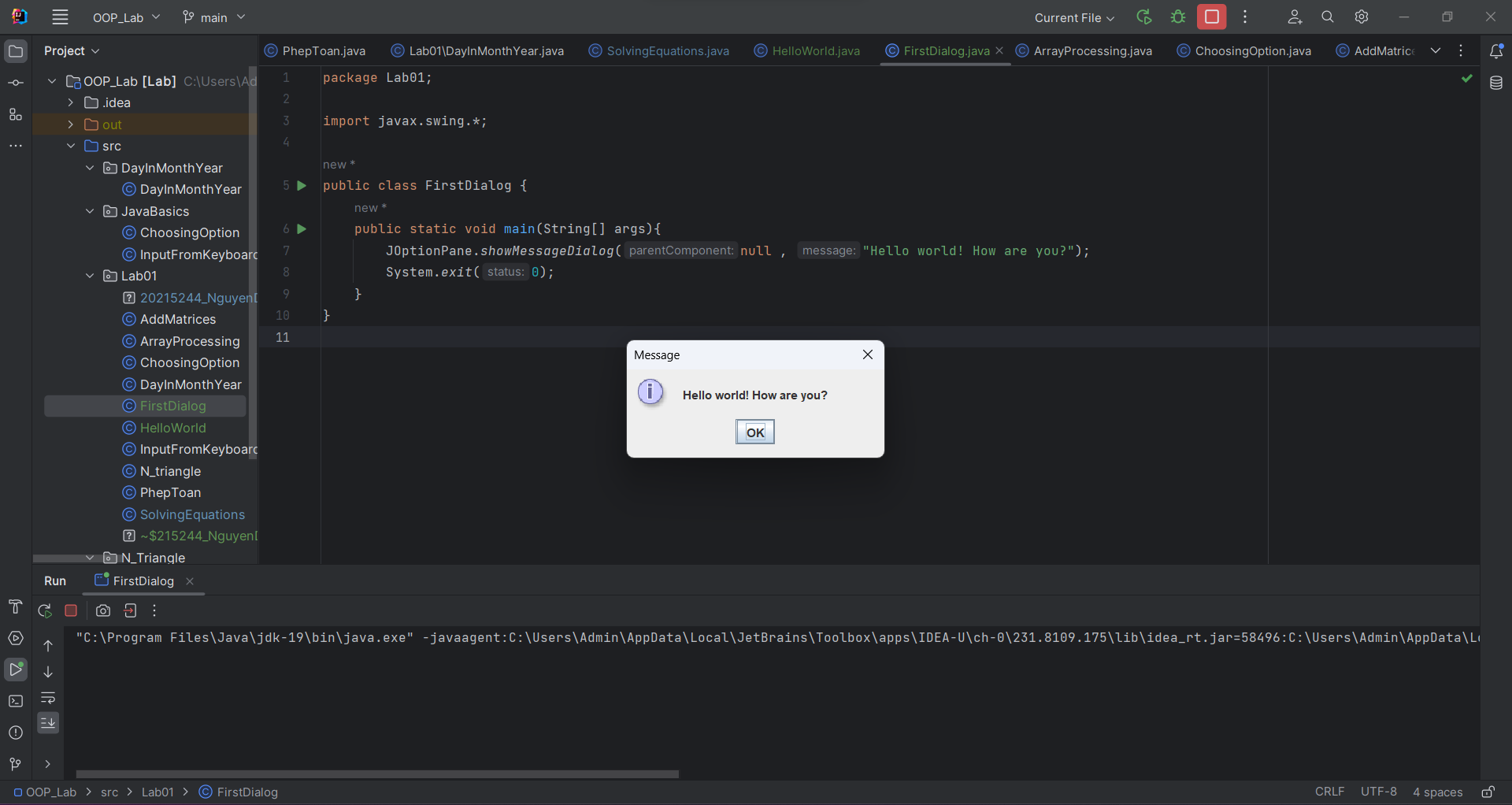
20215244 Nguyễn Đức Thắng

Lab01 Report OOP

2.2.1, Write, compile the first Java application:



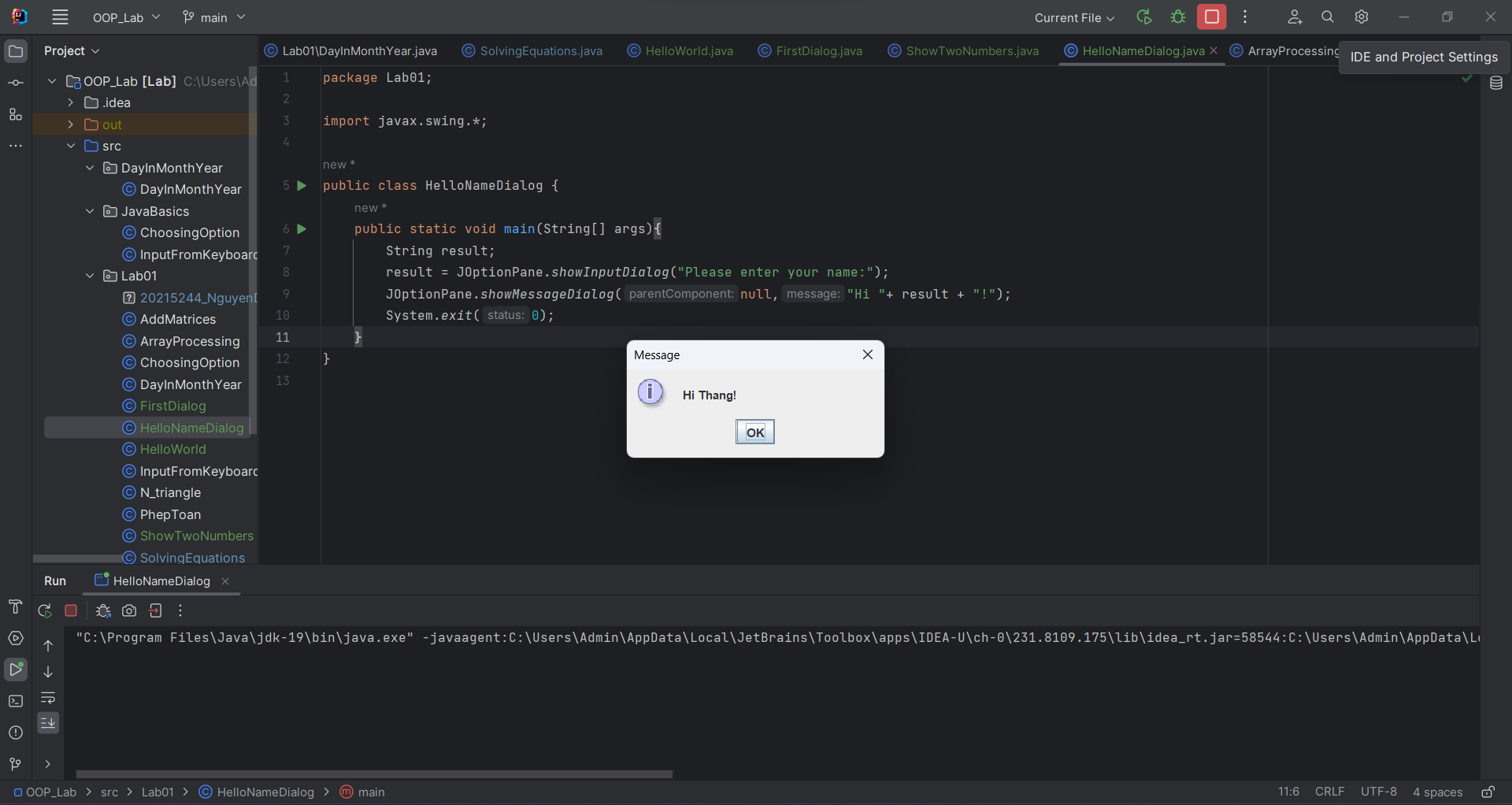
2.2.2, Write, compile the first dialog Java program



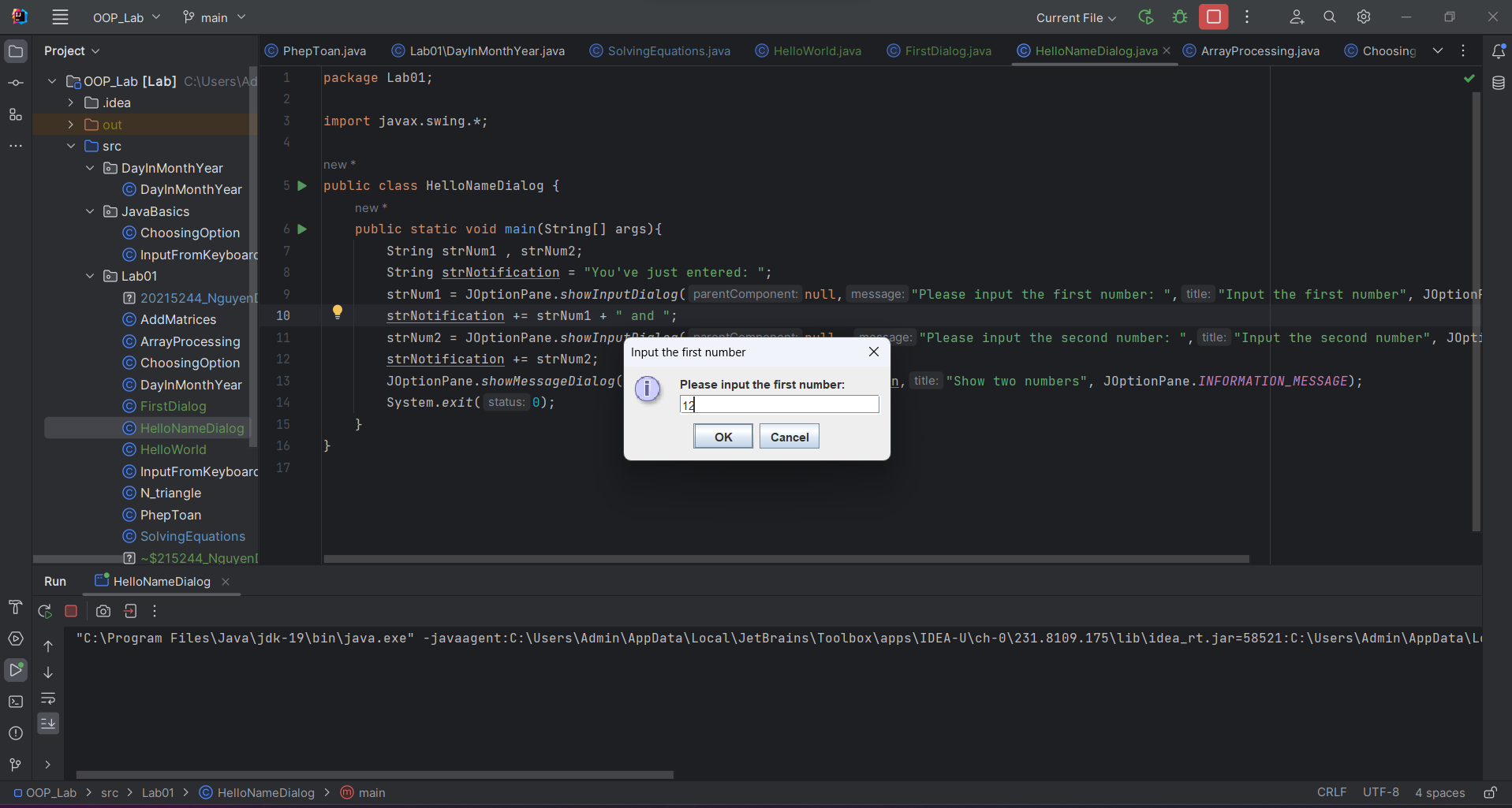
2.2.3, Write, compile the first input dialog Java application

A screenshot of a computer

Description automatically generated



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



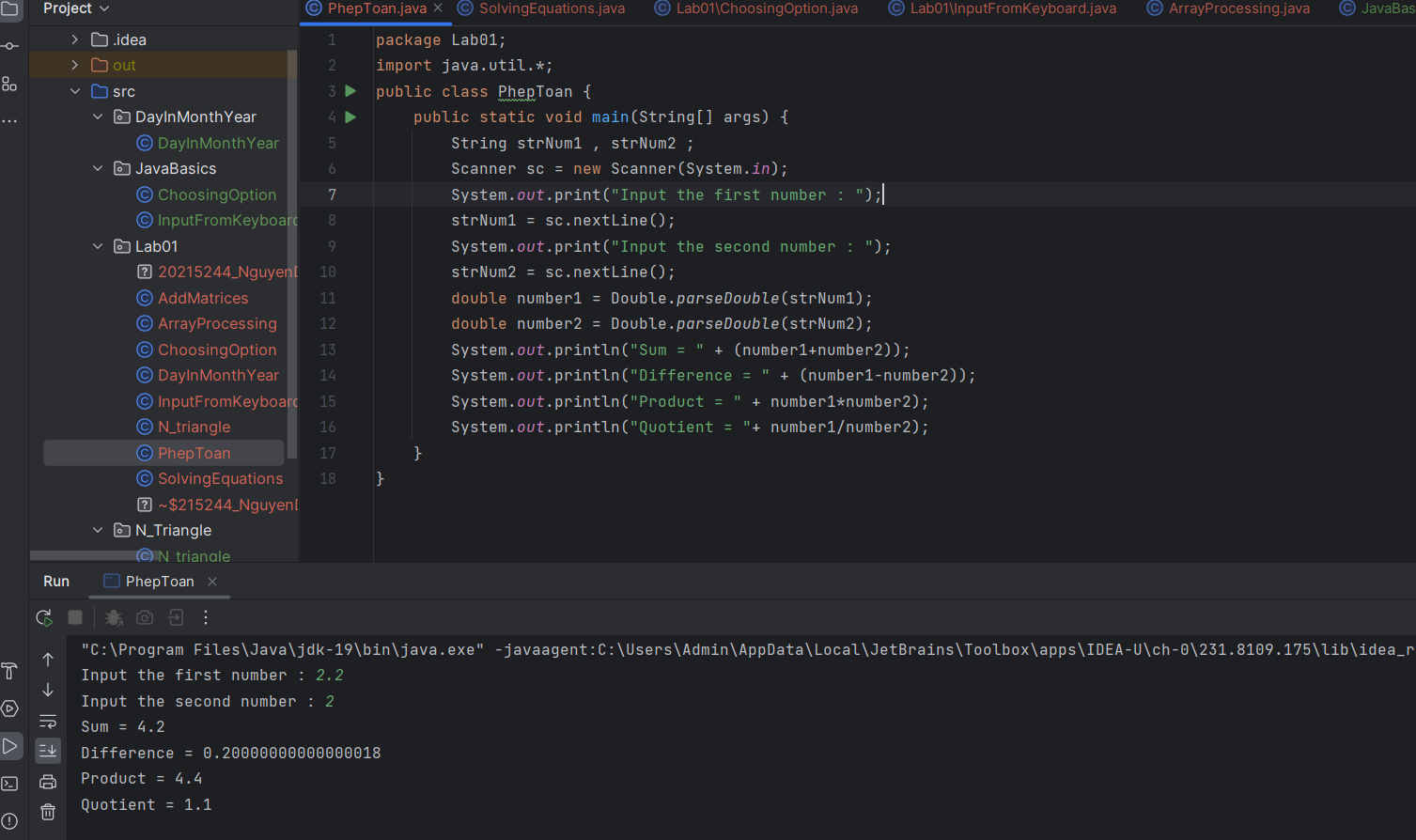
A screenshot of a computer

Description automatically generated

A screenshot of a computer

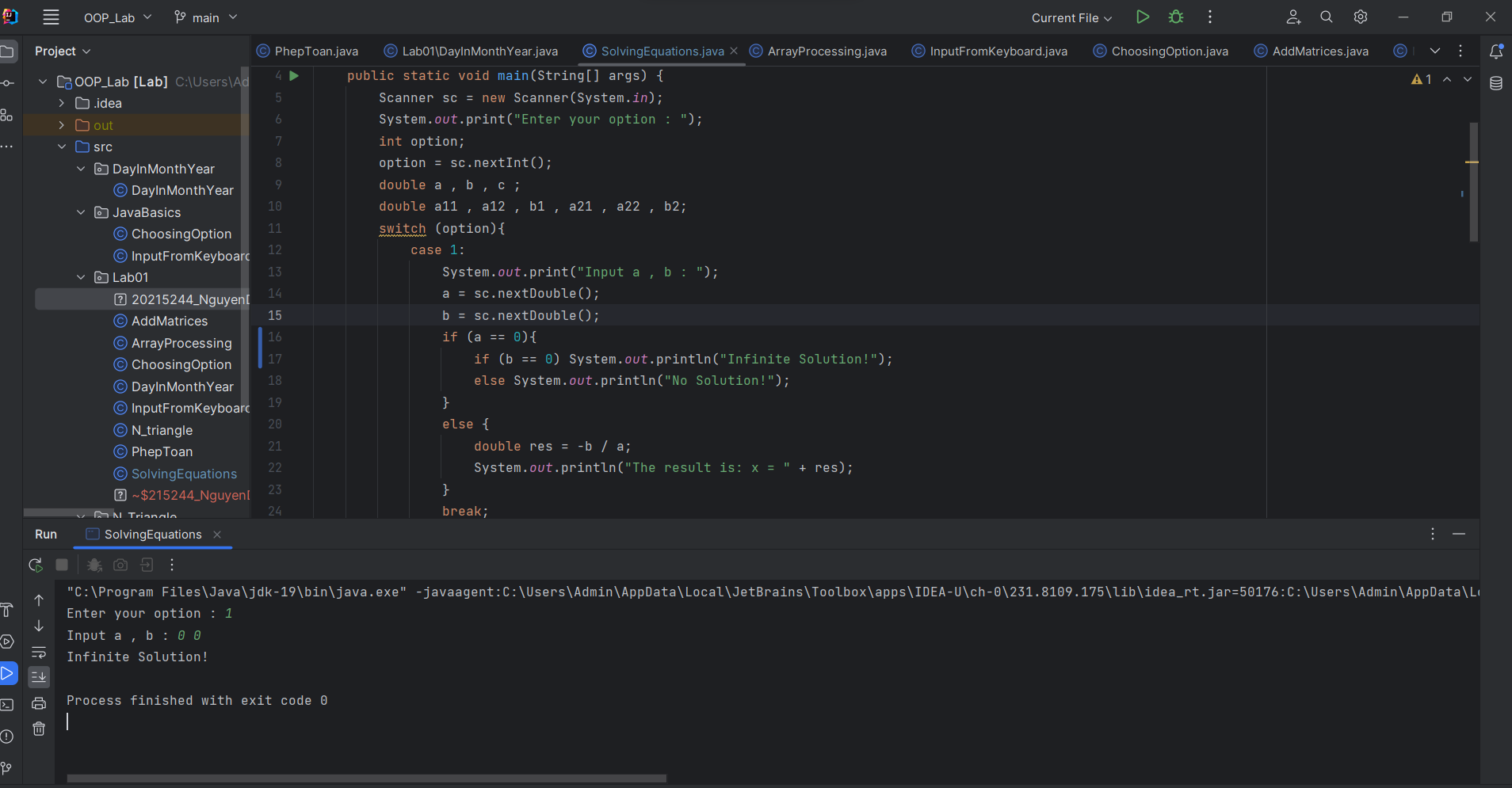
Description automatically generated

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



2.2.6, Write a program to solve:

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



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Description automatically generated with medium confidence

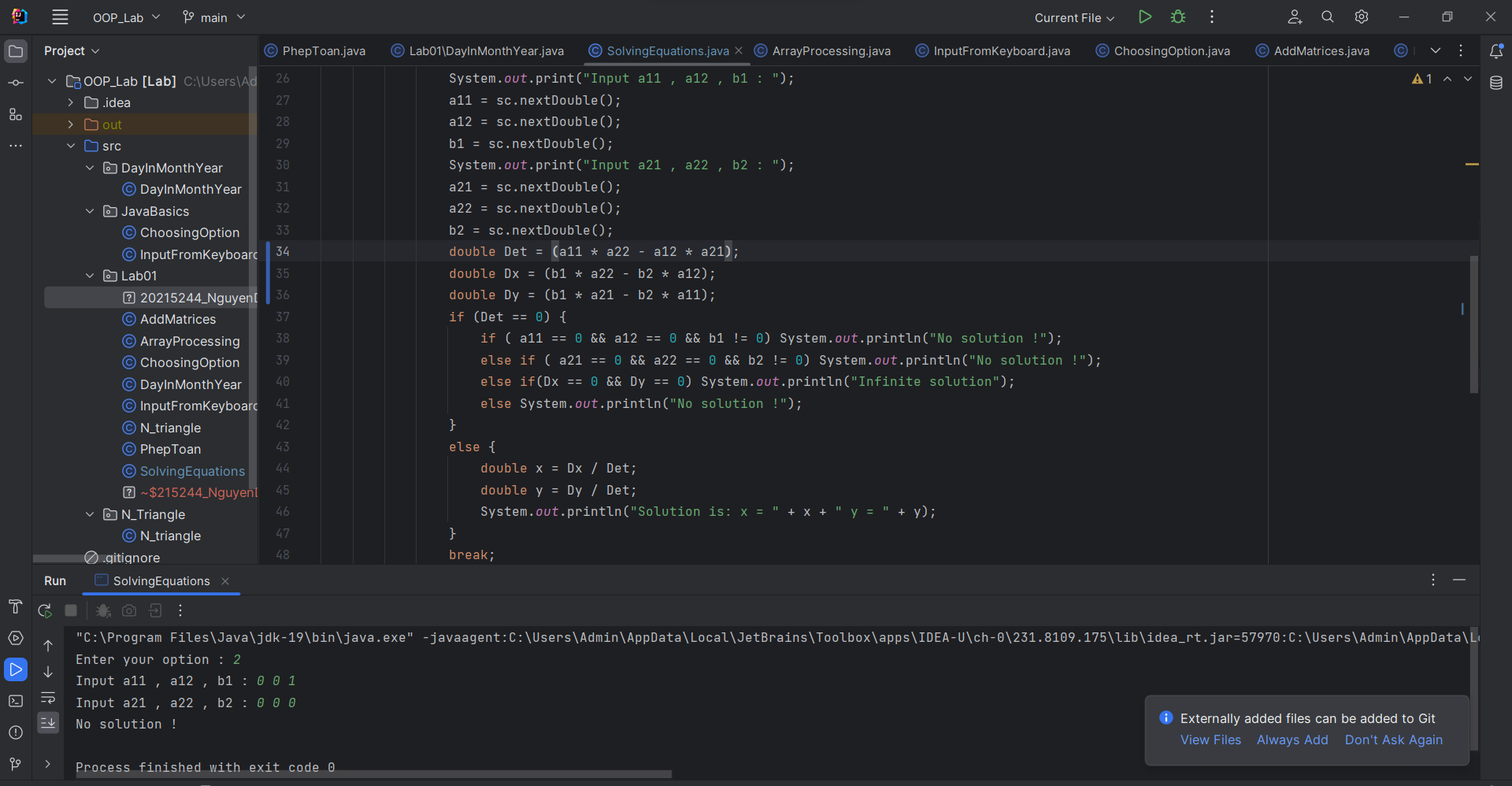
A screenshot of a computer

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

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A screenshot of a computer

Description automatically generated with medium confidence

- The second-degree equation with one variable

A screenshot of a computer

Description automatically generated with medium confidence

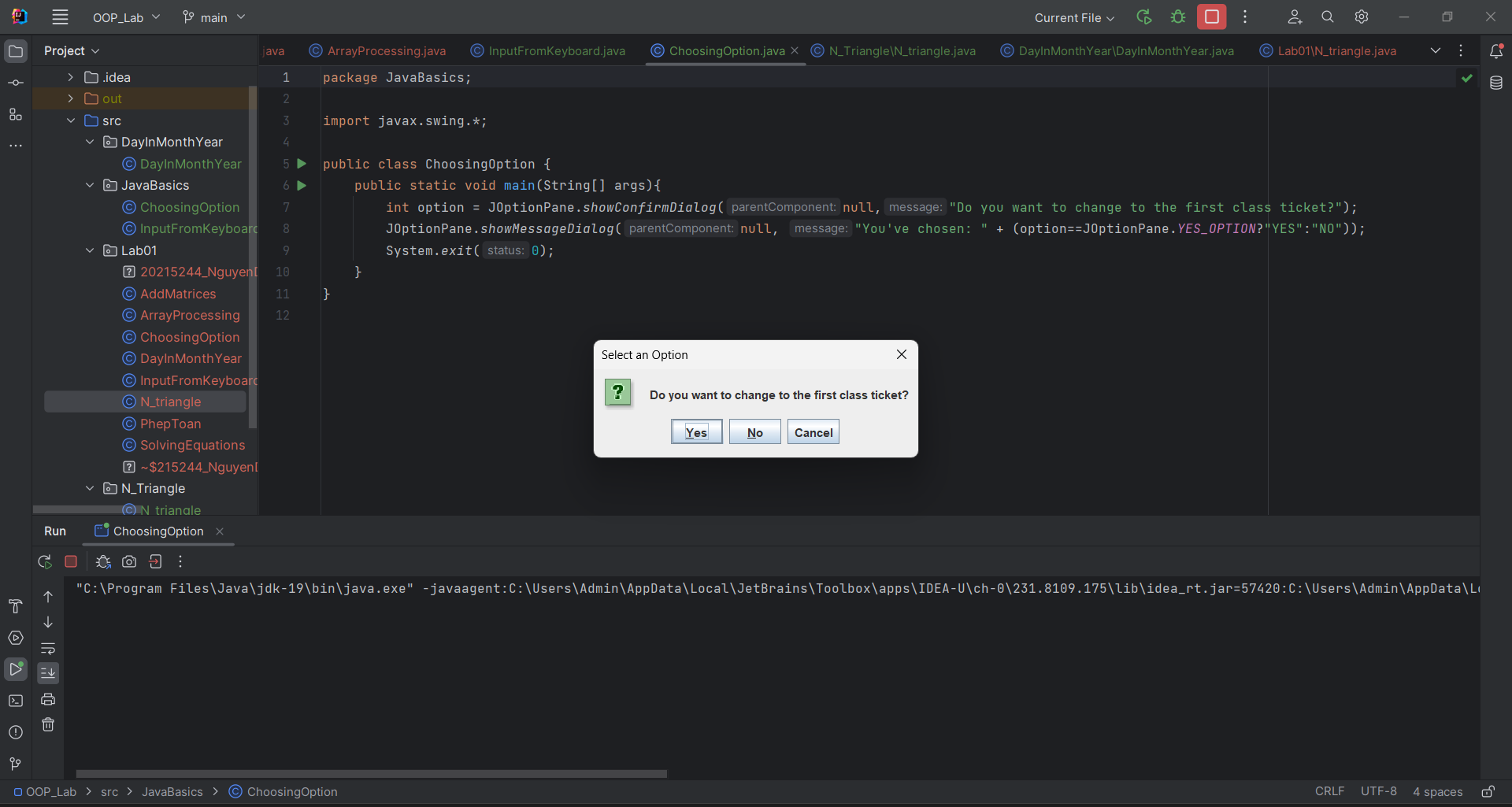
A screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated with medium confidence

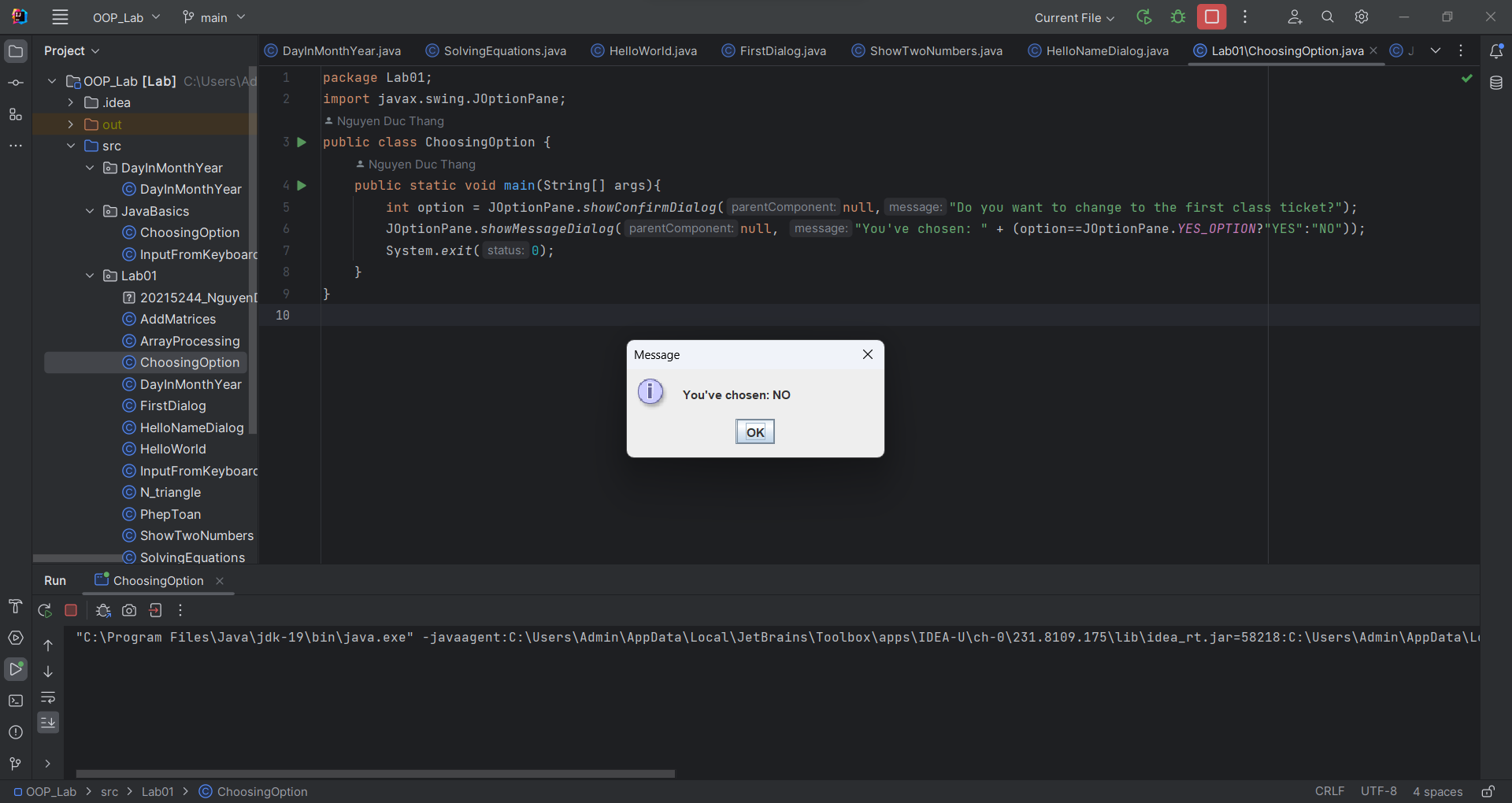
6.1, Write, compile and run the ChoosingOption program:



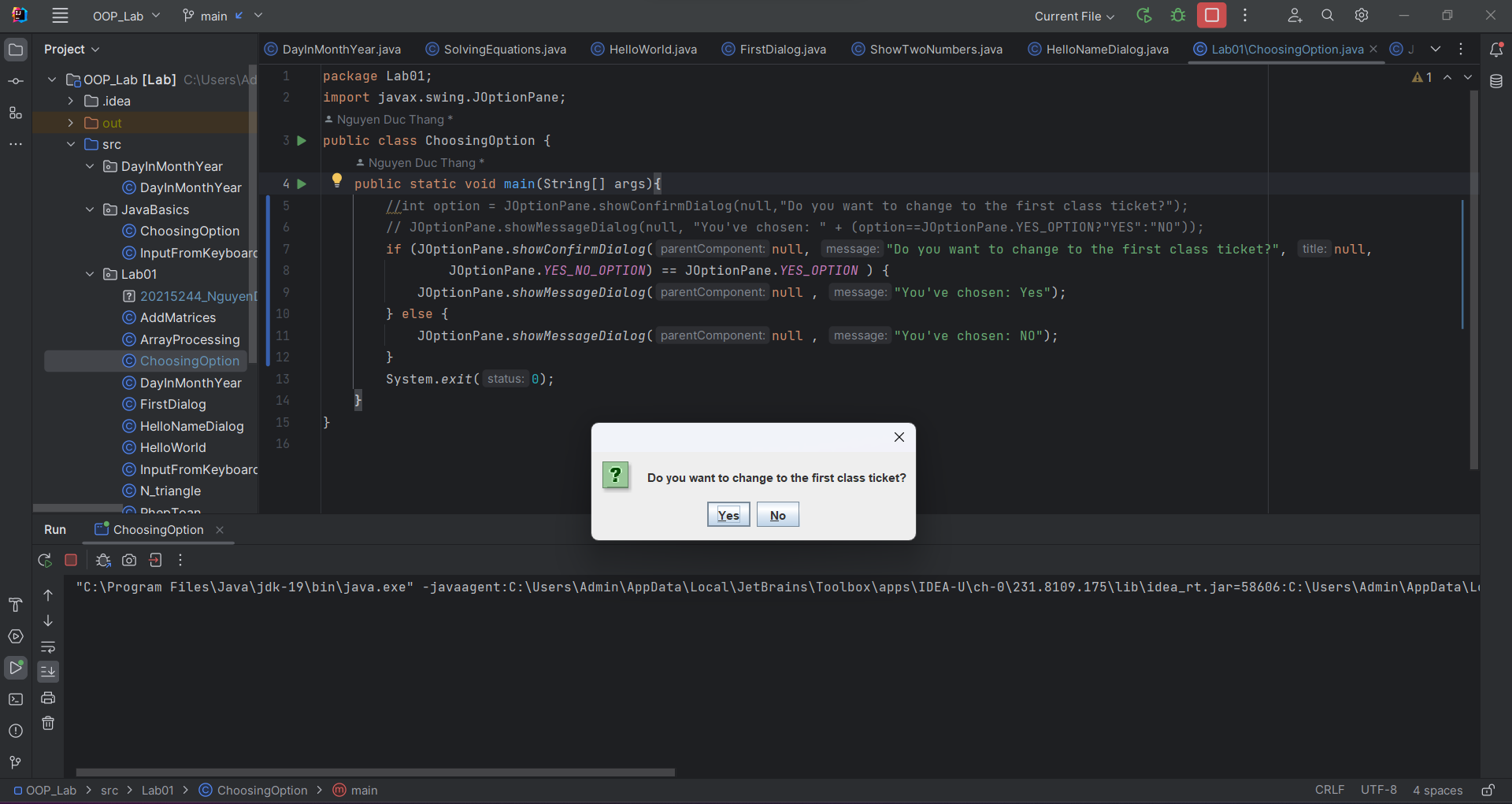
A screenshot of a computer

Description automatically generated

- If you choose “Cancel” , the result will be “You’ve chosen : NO” like when you choose “No”



- To customize the options to user : only two options , you can use JOptionPane.YES\_NO\_OPTION like this



6.2, Write a program for input/output from keyboard

Text

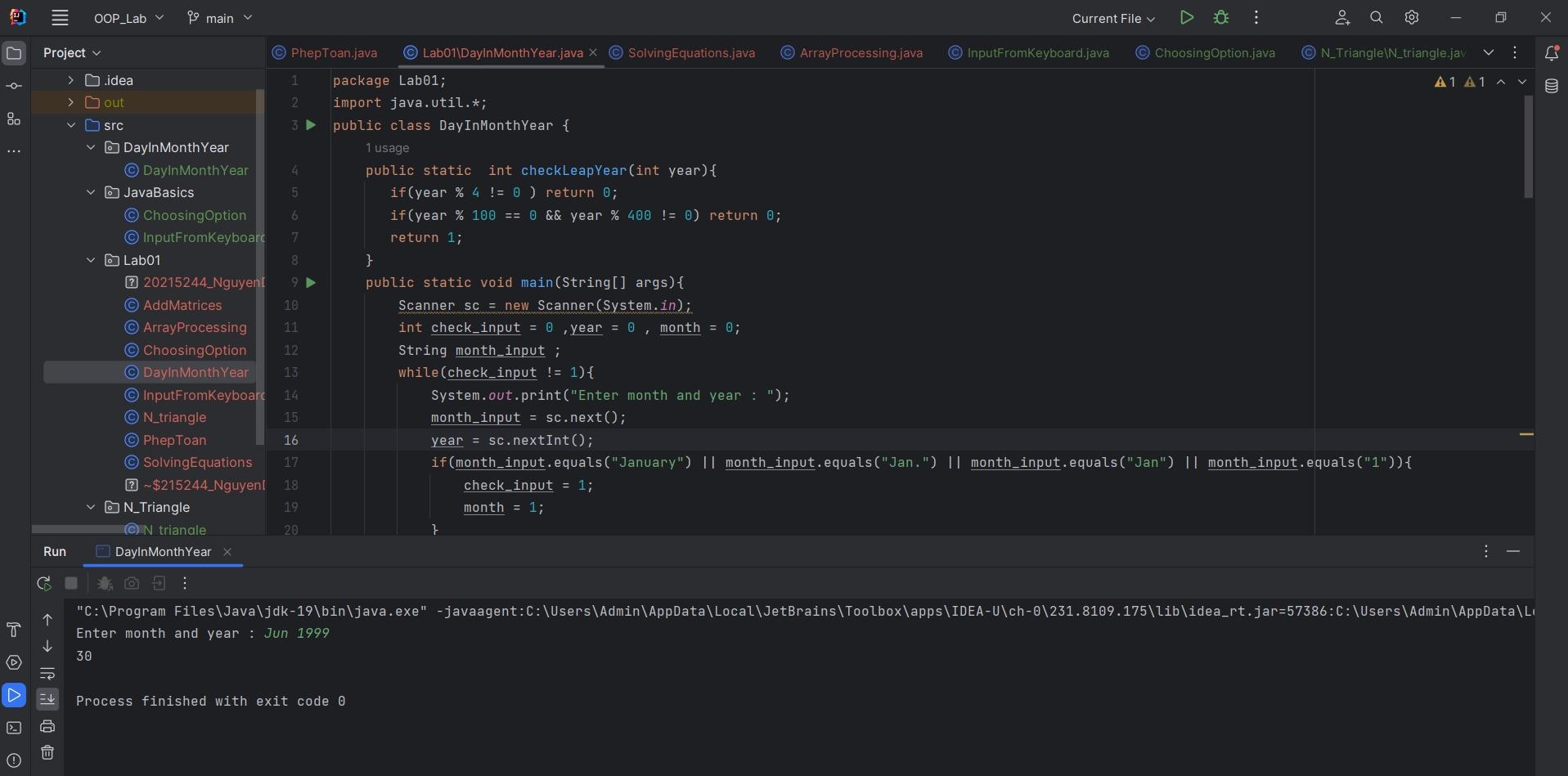
Description automatically generated

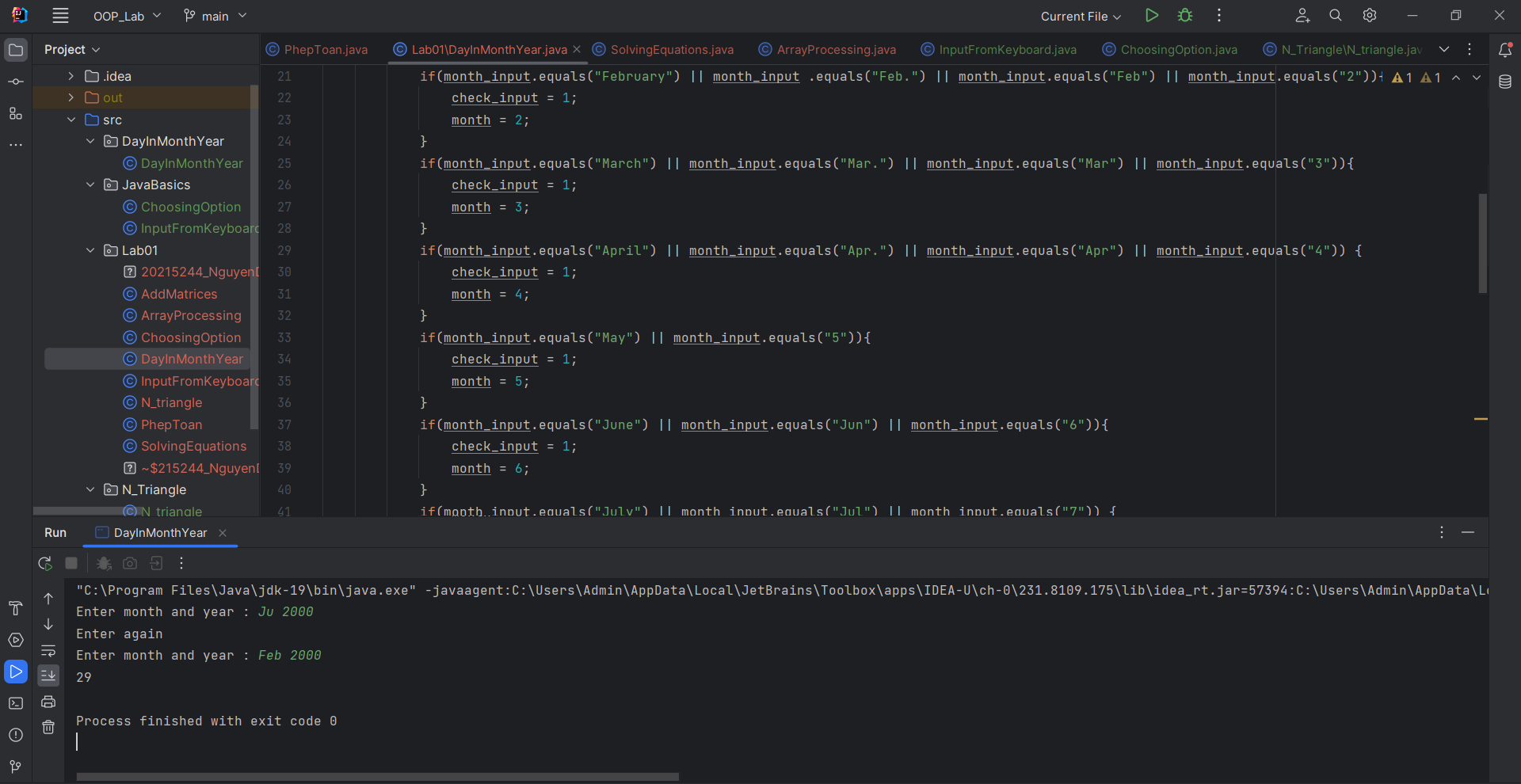
6.3, Write a program to display a triangle with a height of n stars (\*), n is entered by users.

A screenshot of a computer

Description automatically generated with medium confidence

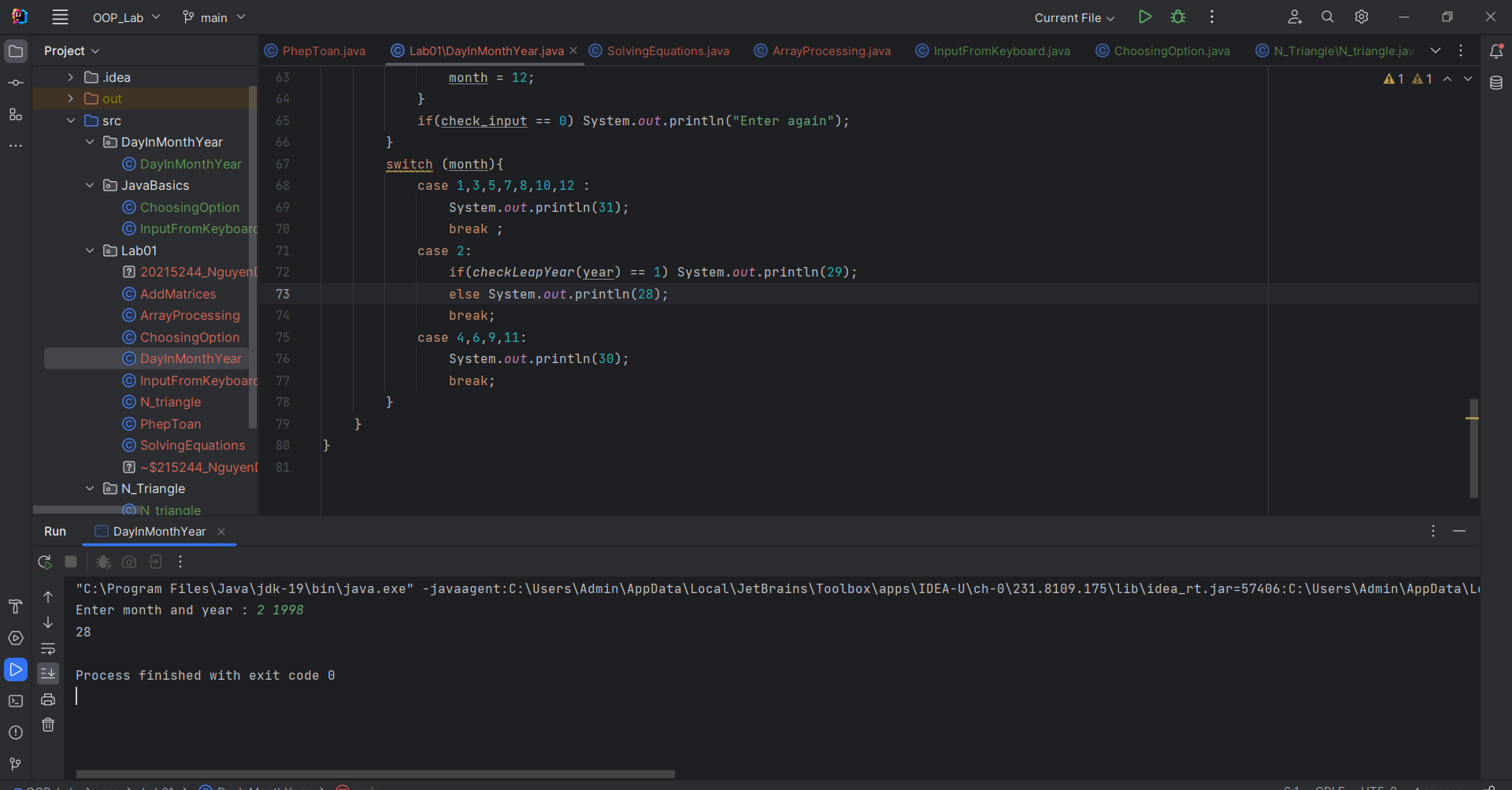
6.4, Write a program to display the number of days of a month, which is entered by users (both month and year). If it is an invalid month/year, ask the user to enter again.





Text

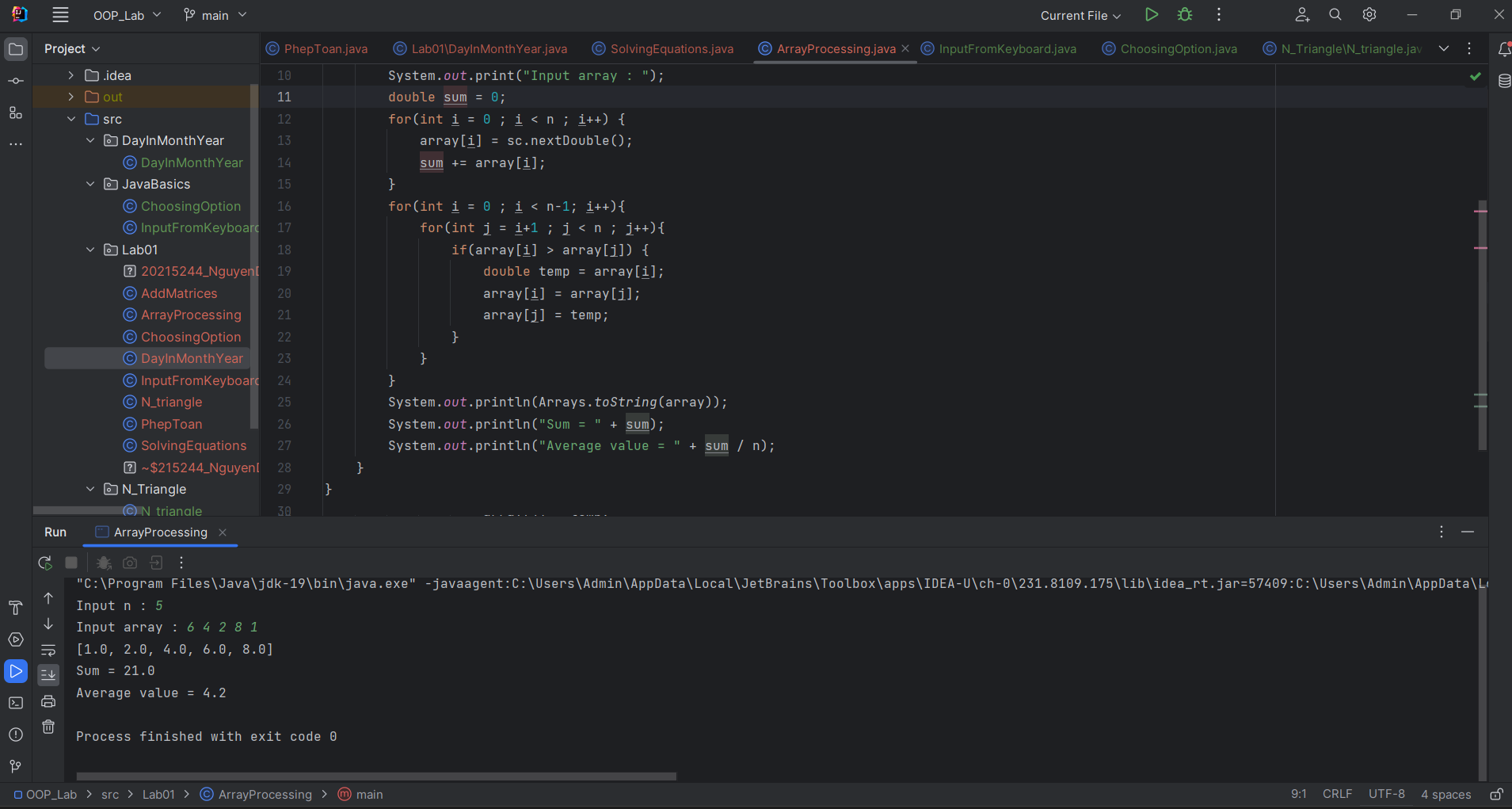
Description automatically generated



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

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

A screenshot of a computer

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