BÁO CÁO THỰC HÀNH LAB 1  
LẬP TRÌNH HƯỚNG ĐỐI TƯỢNG

# The Very First Java Programs

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

*Graphical user interface, text, application

Description automatically generated*

*Kết quả*

Graphical user interface, text, application, email

Description automatically generated

## 2.2.2 Write, compile the first dialog Java program

### Text Description automatically generated with medium confidence

### Graphical user interface, application Description automatically generated

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

Graphical user interface, text, application

Description automatically generated

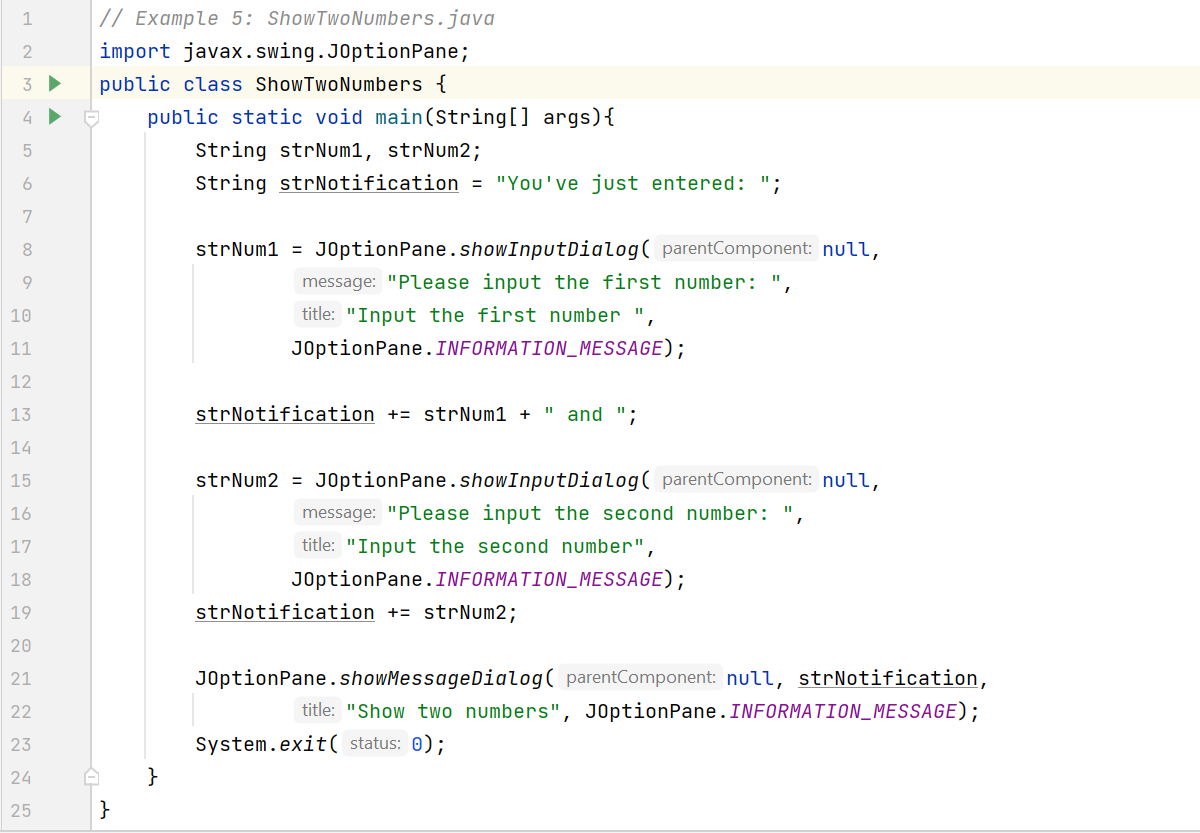
Graphical user interface, text, application

Description automatically generated

Graphical user interface, application, Word

Description automatically generated

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



Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

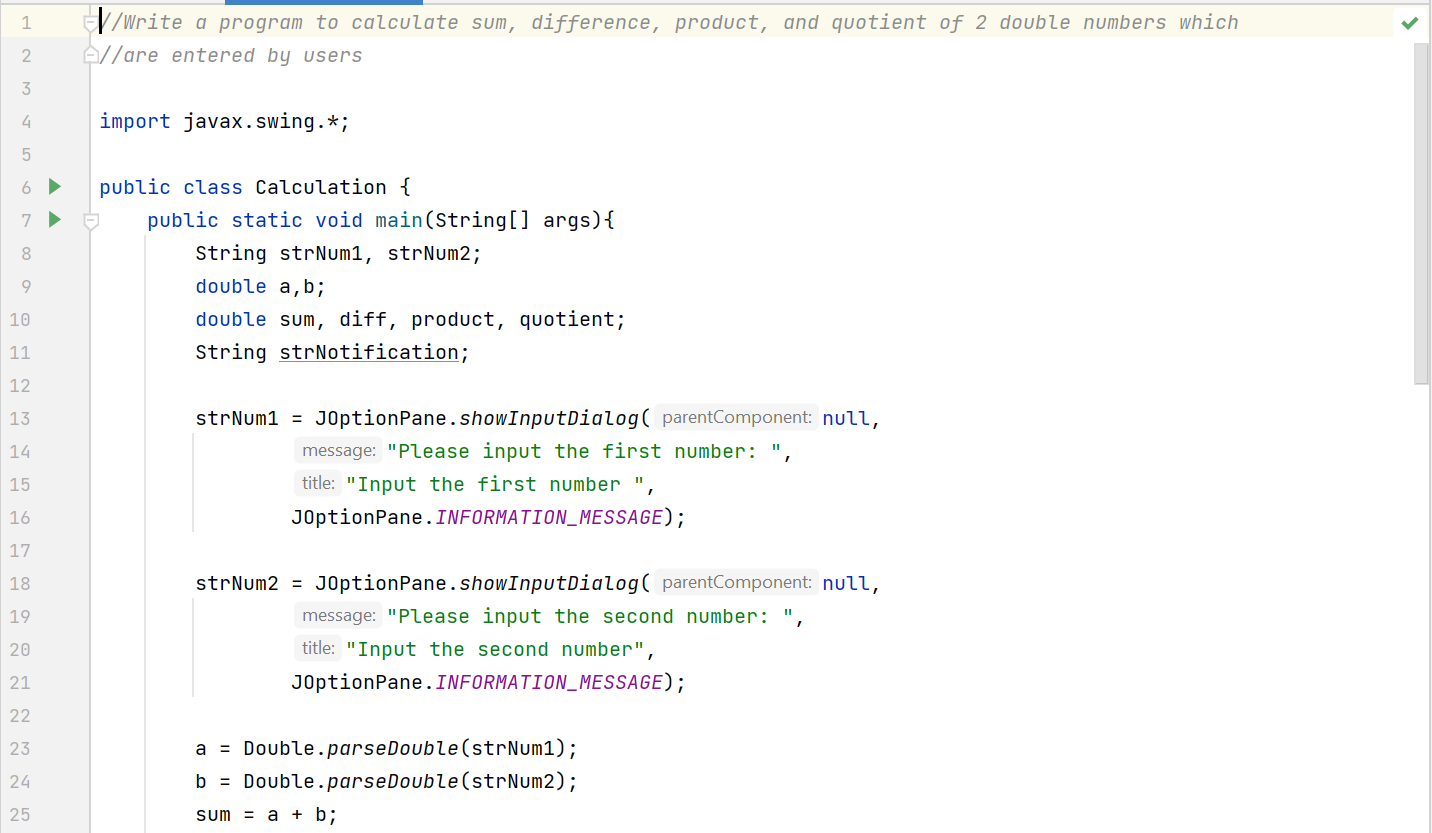
## 2.2.5 Write a program to calculate sum, difference, product, and quotient of 2 double numbers which are entered by users.

**Notes**

* To convert from String to double, you can use

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

* Check the divisor of the division



Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

## 2.2.6 Write a program to solve:

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

Note: A first-degree equation with one variable can have a form such as ax + b = 0

(a ≠ 0).

You should handle the case where the user input value 0 for a.

Text

Description automatically generated

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

Text

Description automatically generated

1. The second-degree equation with one variable:

Text

Description automatically generated

# Exercises:

## 1: ChoosingOption:



Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

**Choose “Cancel”:**

Graphical user interface, application

Description automatically generated

**Fix the bug: JOptionPane.YES\_NO\_OPTION**

Graphical user interface, text, application

Description automatically generated

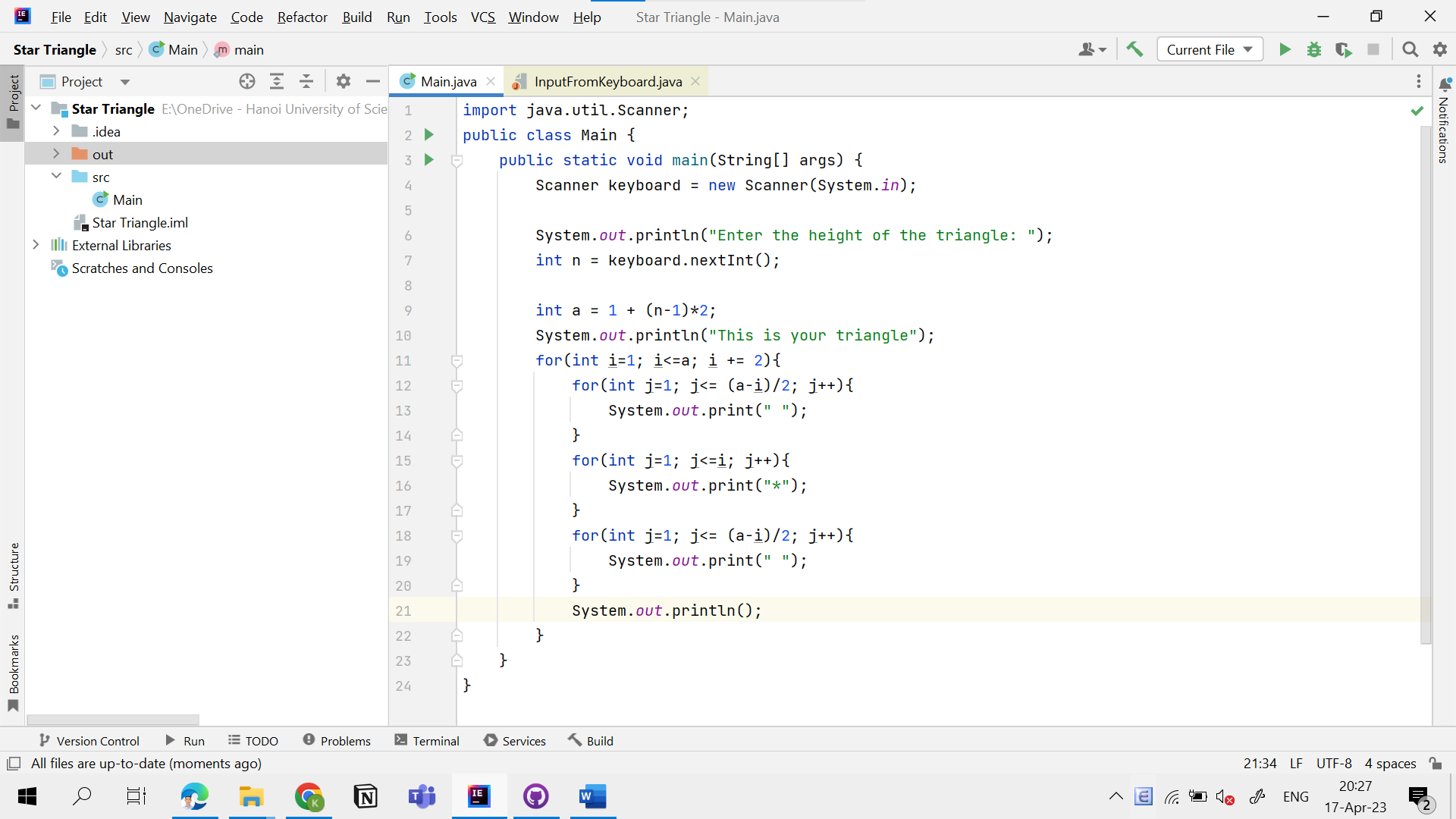
## 2: Write a program for input/output from the keyboard:



Graphical user interface, text, application, email

Description automatically generated

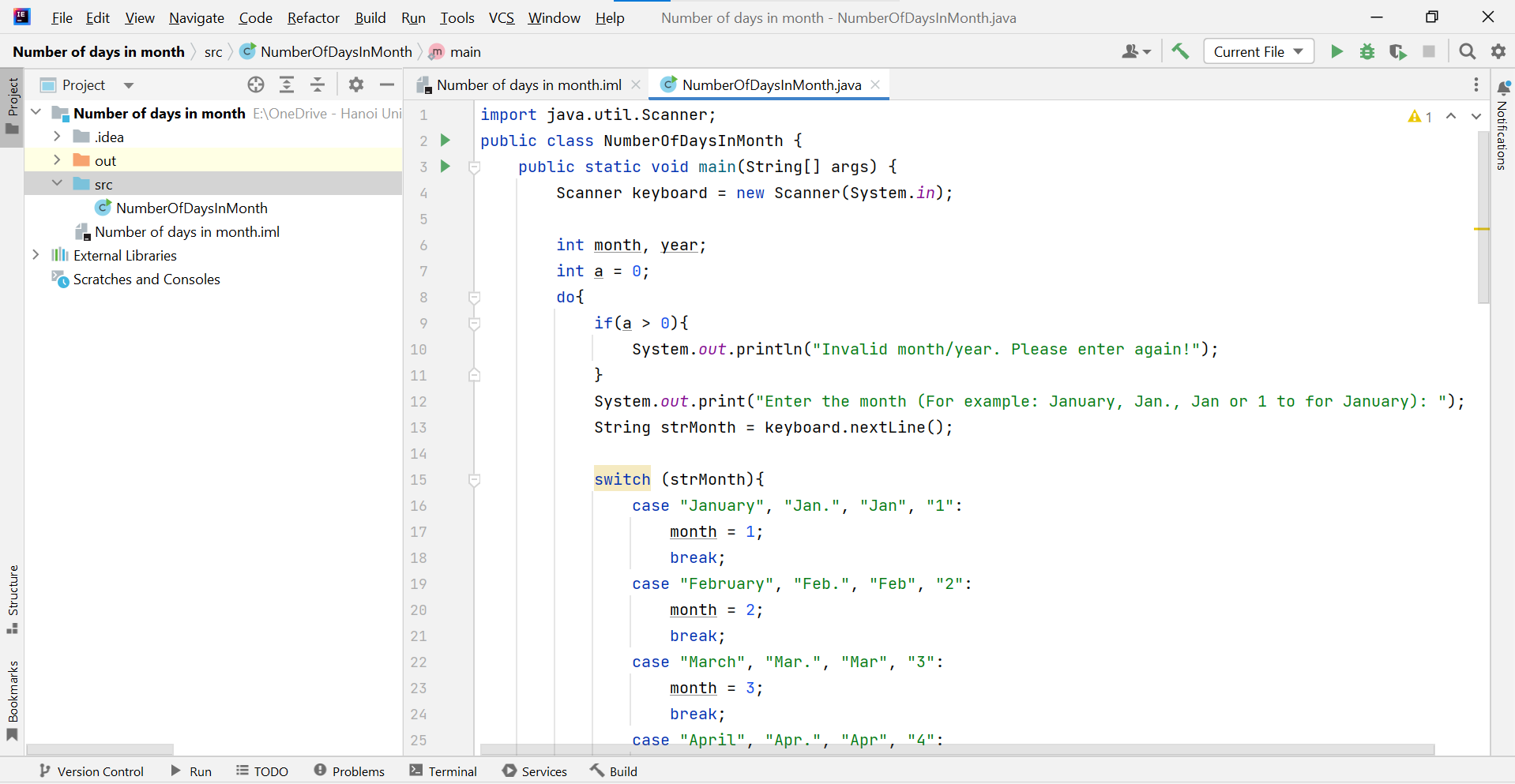
## 3: Write a program to display a triangle with a height of n stars (\*), n is entered by user:



Graphical user interface, text, application

Description automatically generated

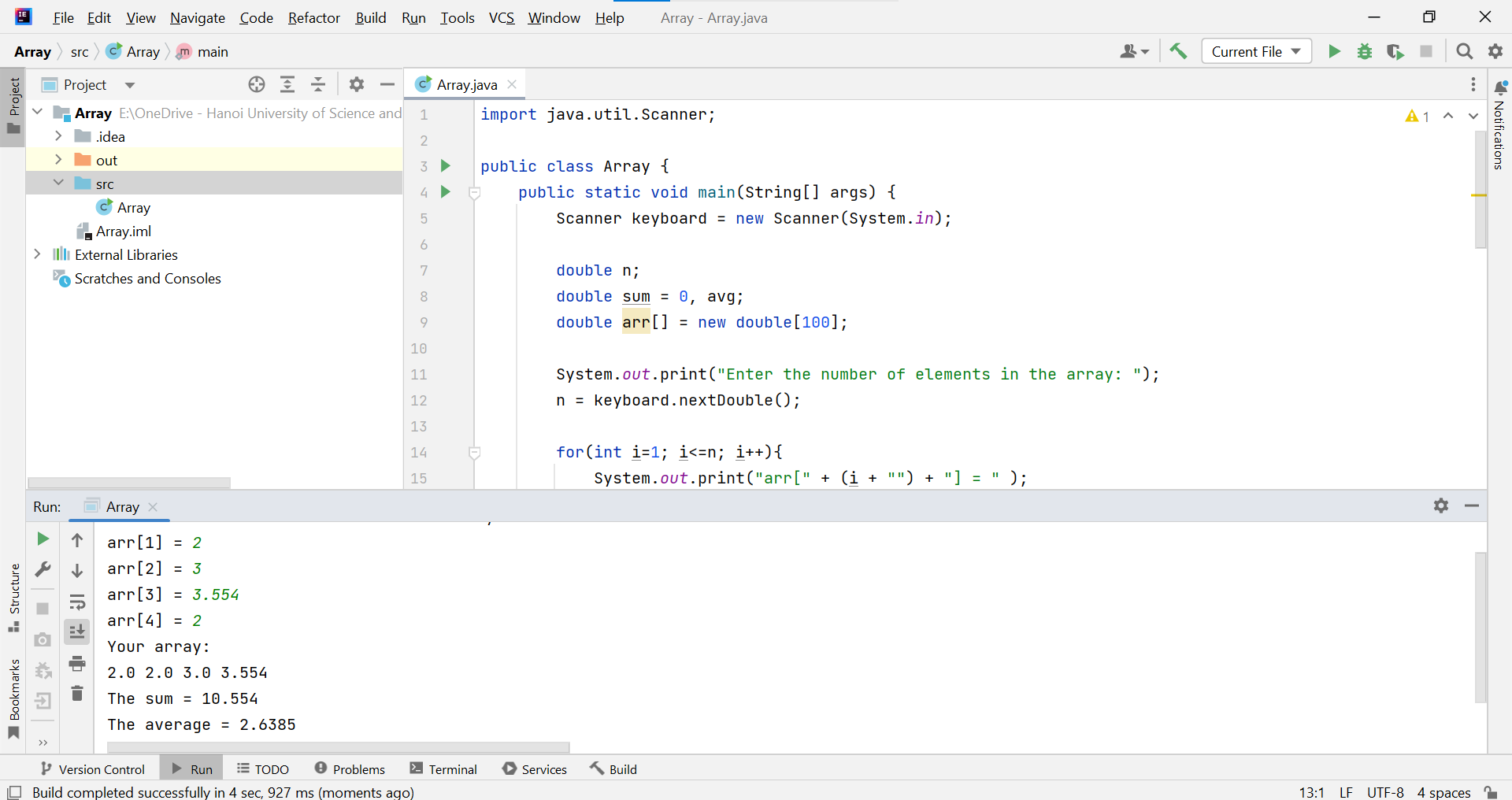
## 4: Write a program to display the number of days of a month, which is entered by user (both month and year). If it is an invalid month/year, ask the user to enter again:



Graphical user interface, text, application, email

Description automatically generated

## 5: Write a program to sort a numeric array, and calculate the sum and average value of array elements:



## 6: Write a Java program to add two matrices of the same size:

