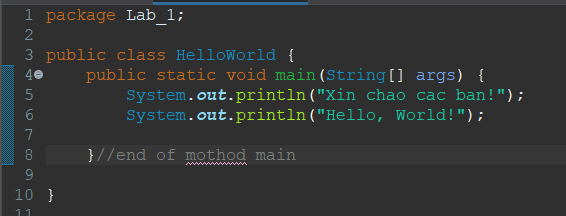
**Report Lab1**

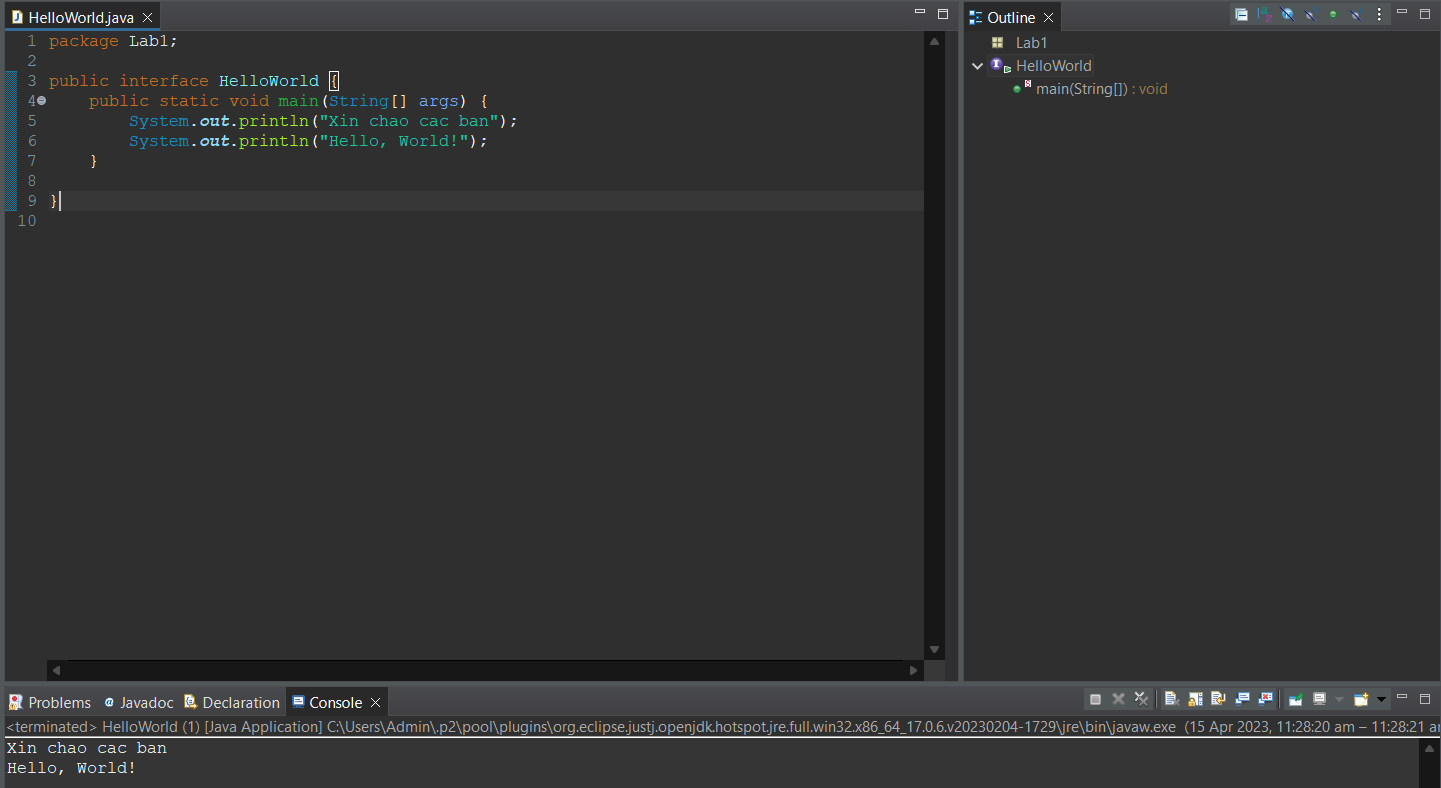
**Object Oriented Programming**

The very first Java Programs

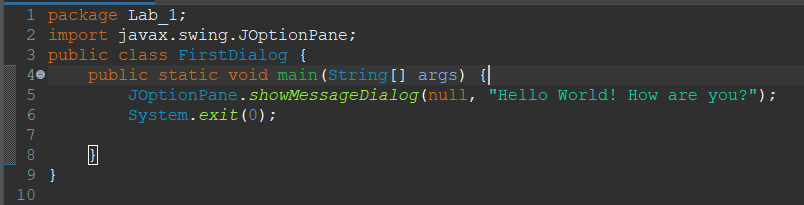
*2.2.1 Write, compile the first java application:*



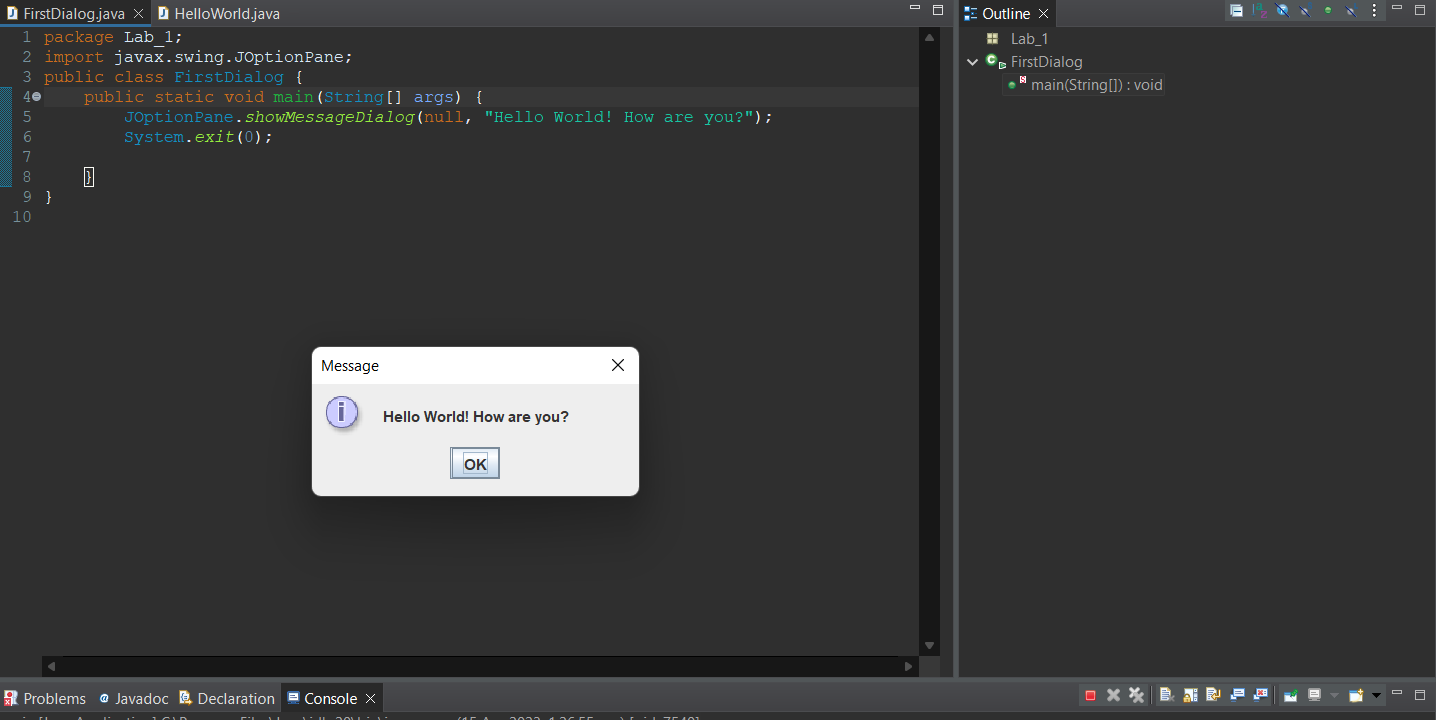
Result:



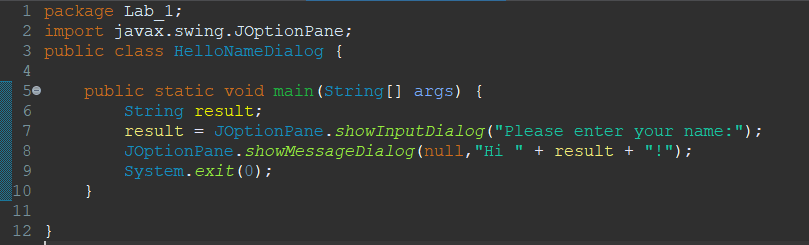
*2.2.2 Write, compile the first digital Java program*

**

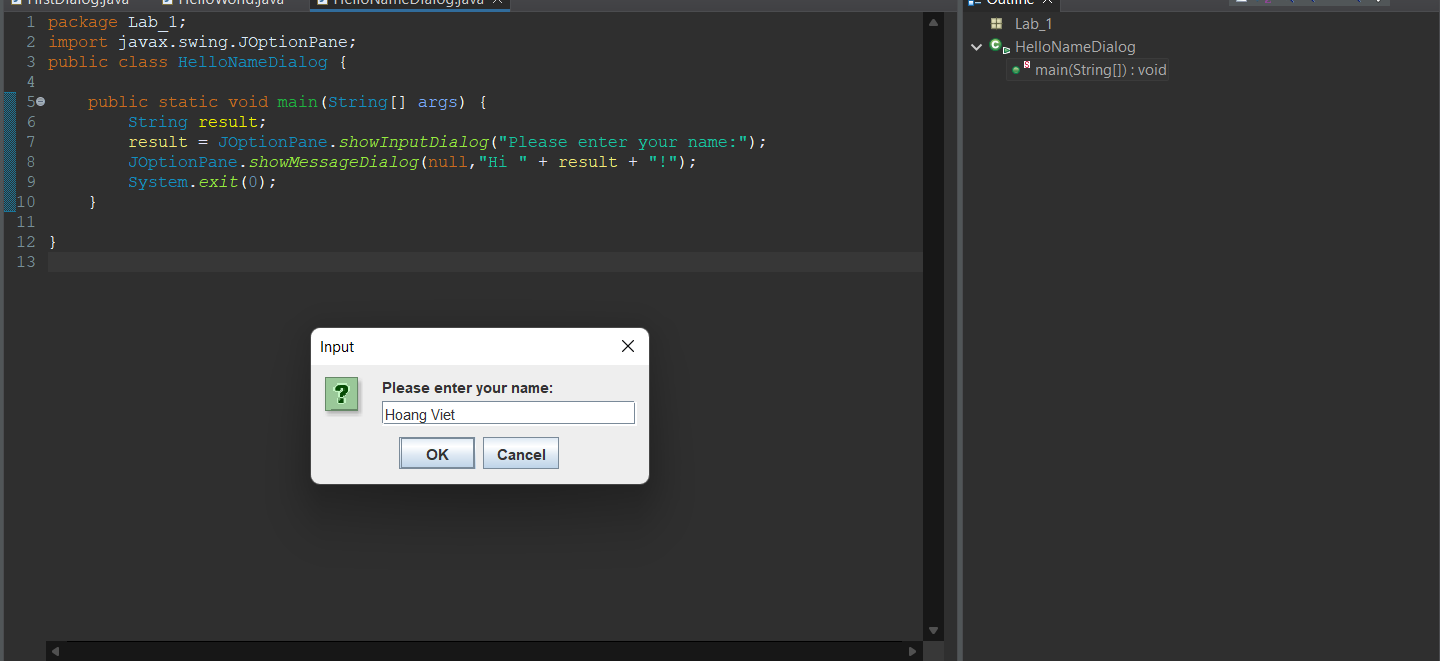
Result:

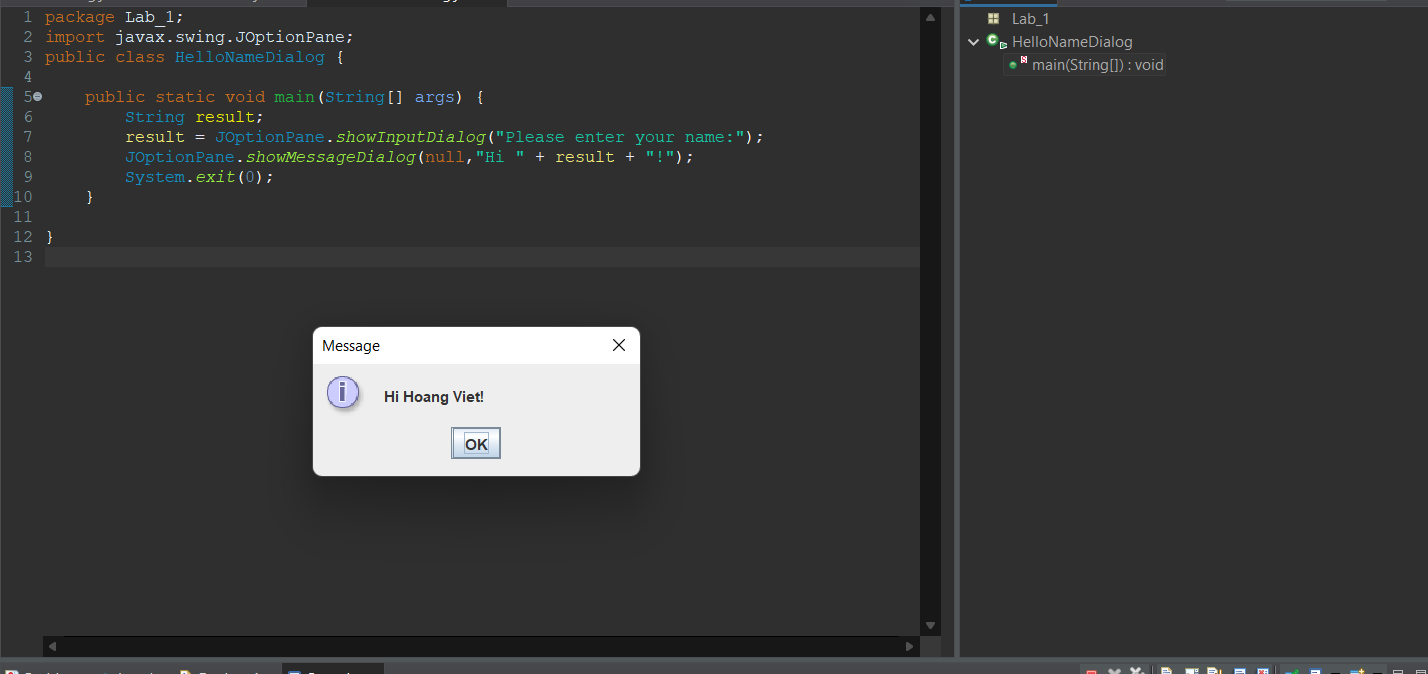


*2.2.3 Write, compile the first input dialog Java application*

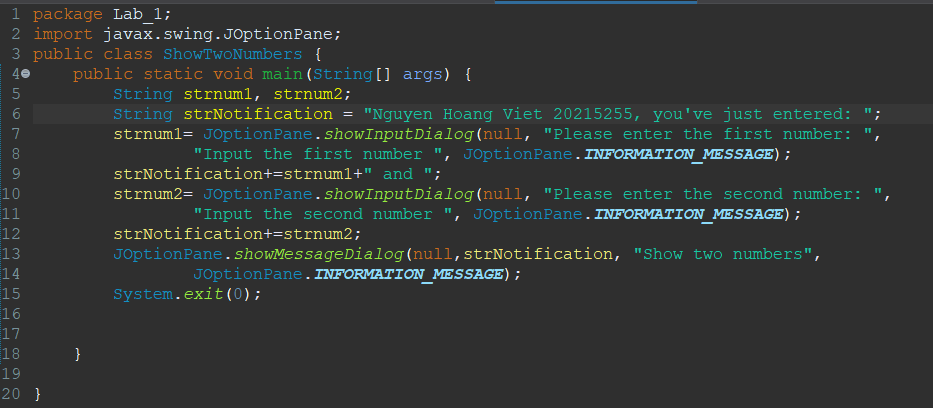


Result:

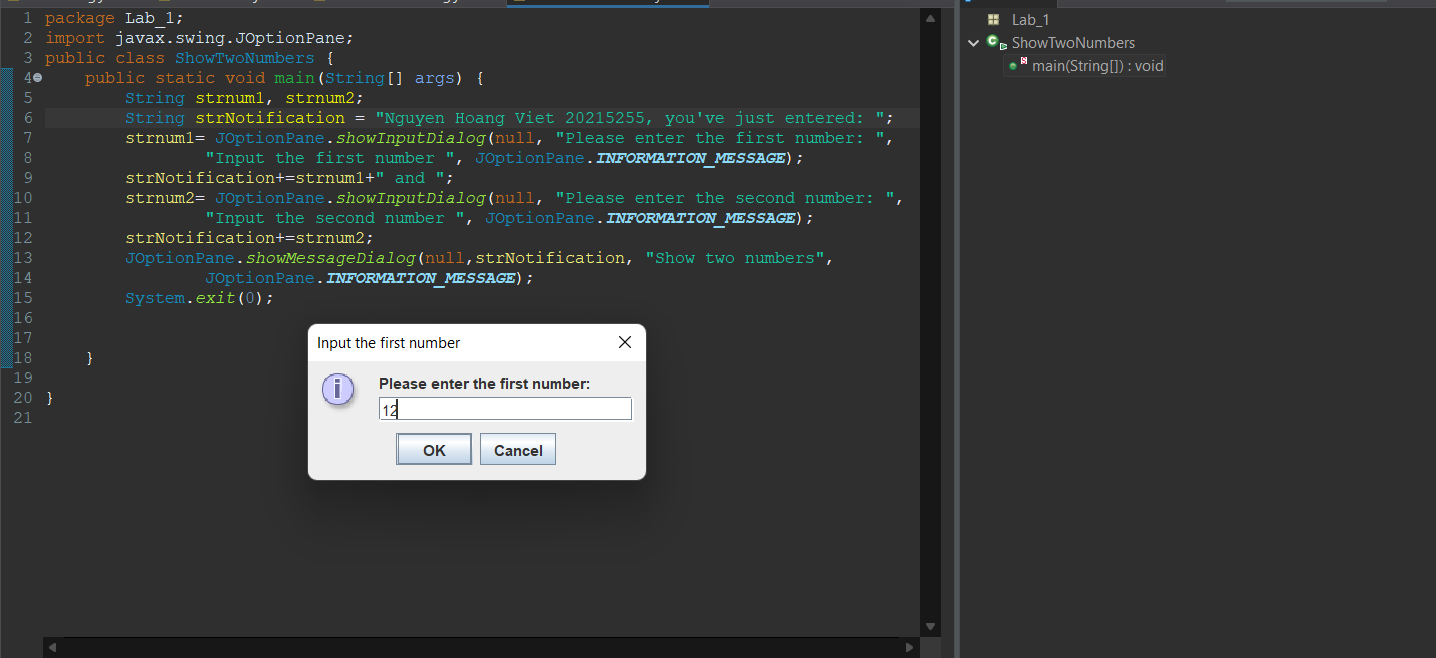


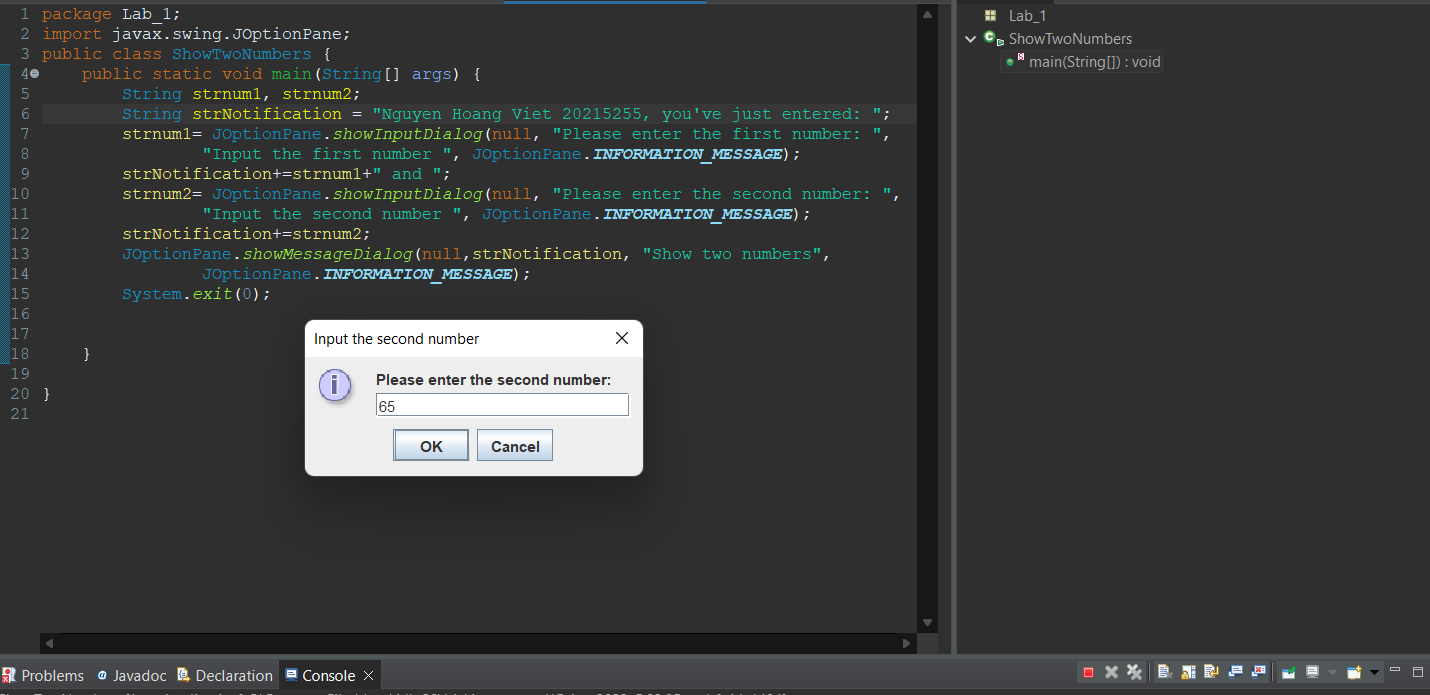


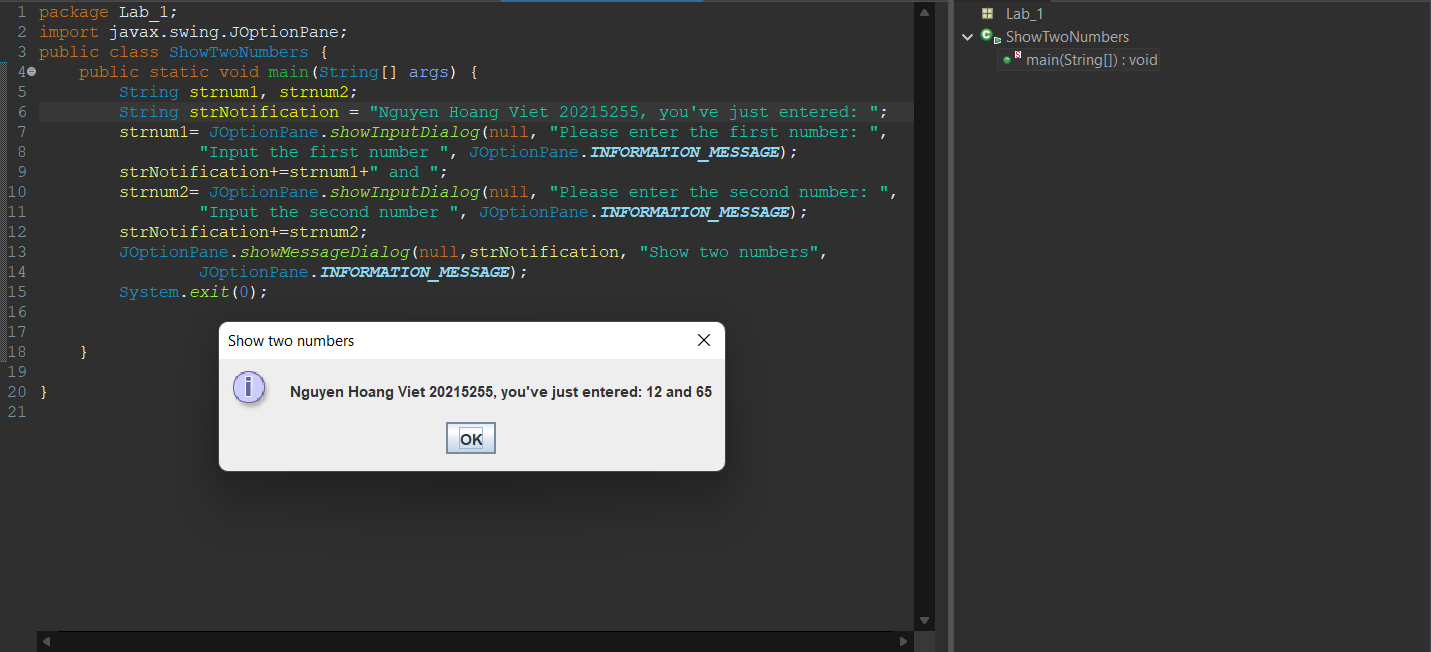
*2.2.4 Write, compile and run the following example:*



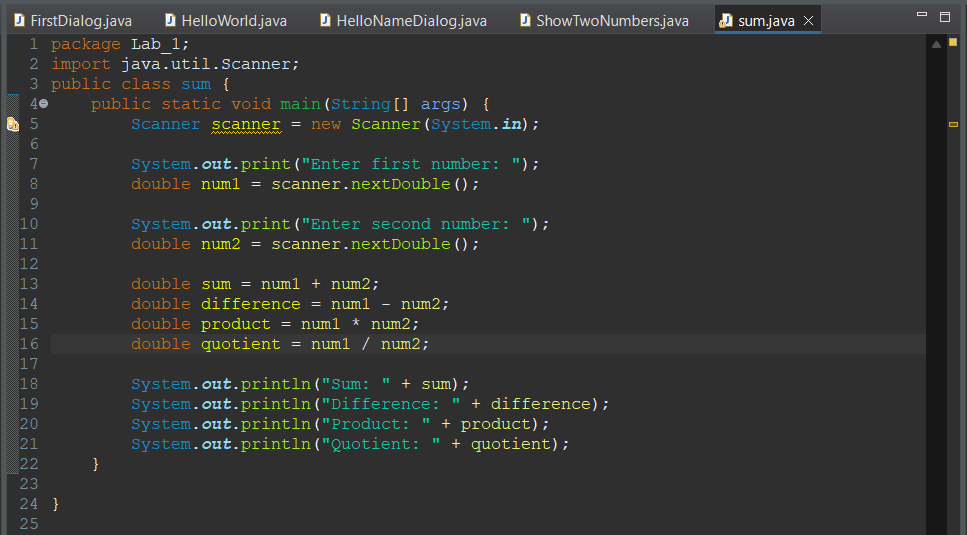
Result:



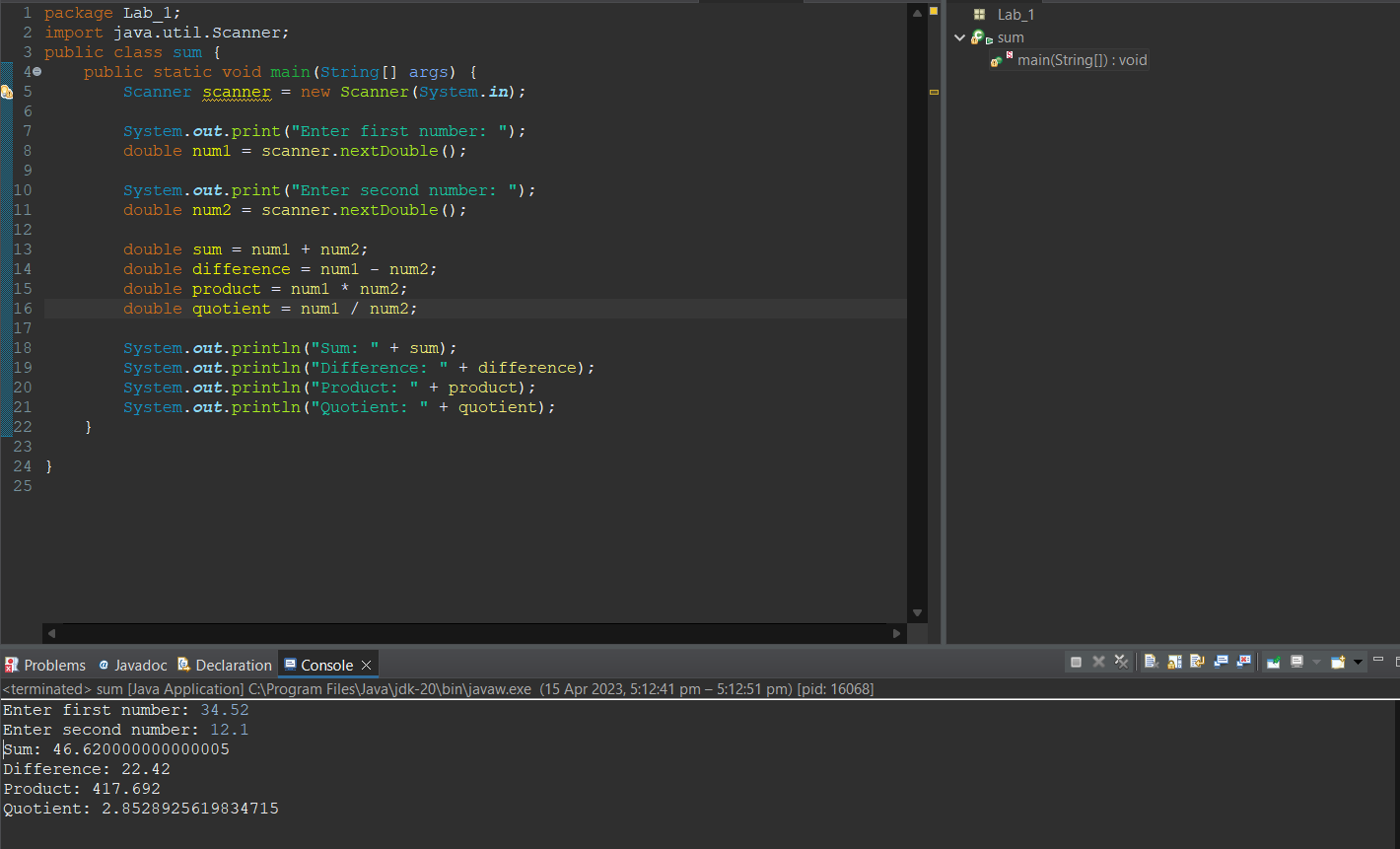




*2.2.5 Write a program to calculate the sum, difference, product, and quotient of 2 double numbers which are entered by users.*

**

Result:

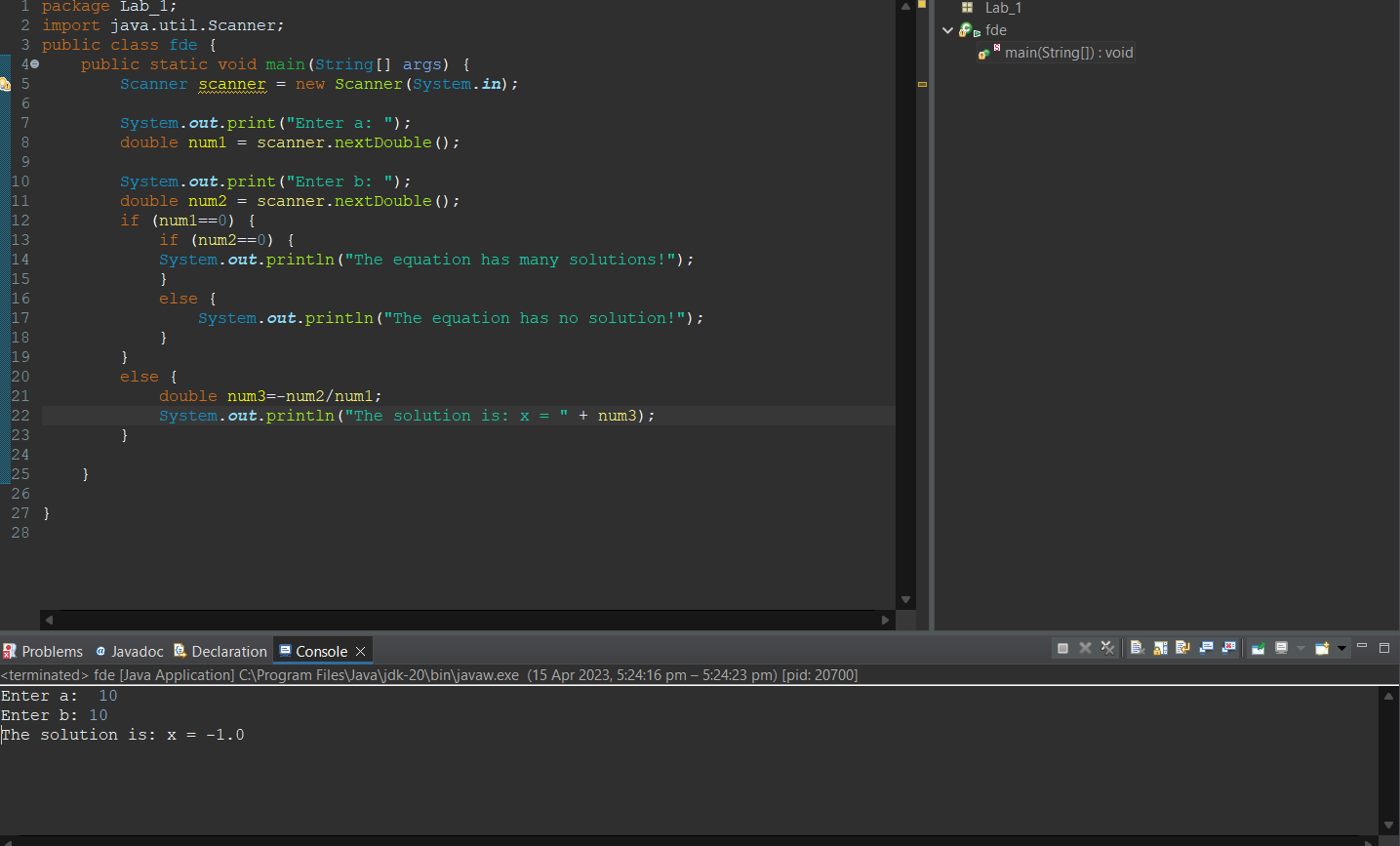


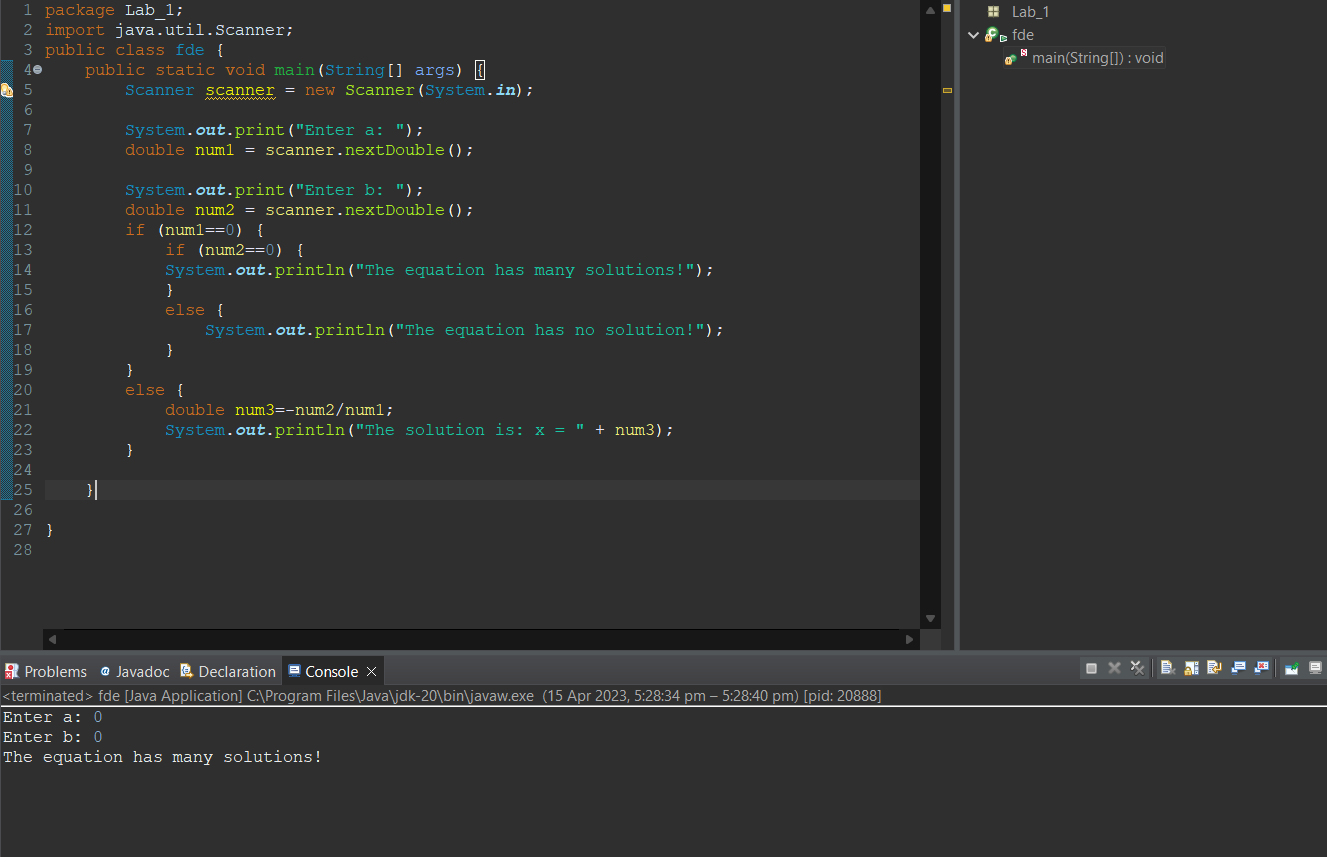
*2.2.6 Write a program to solve*

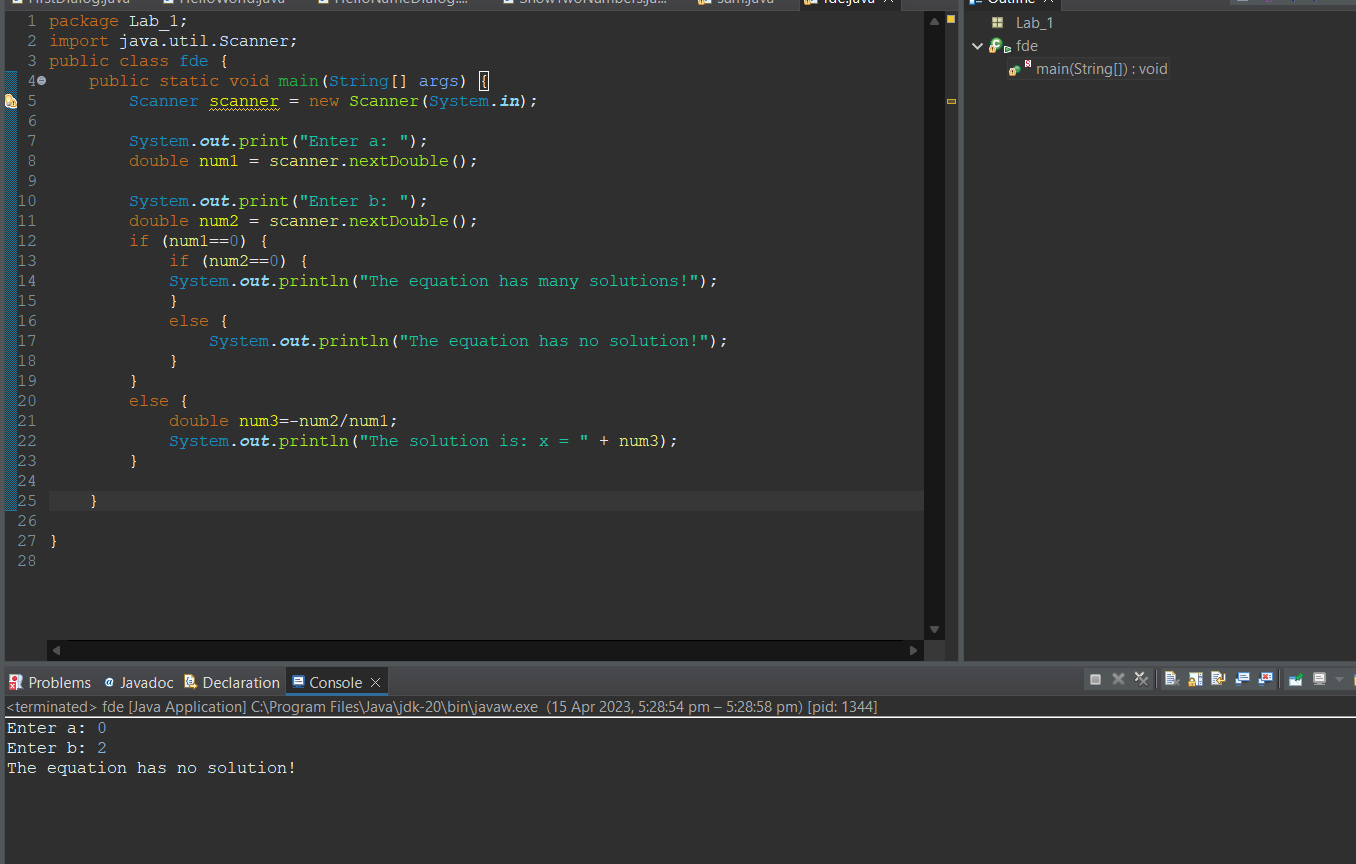
1. *The first degree equation with one variable*
2. *The system of first degree equations with two variables*
3. *The second degree equation with one variable*

Result:

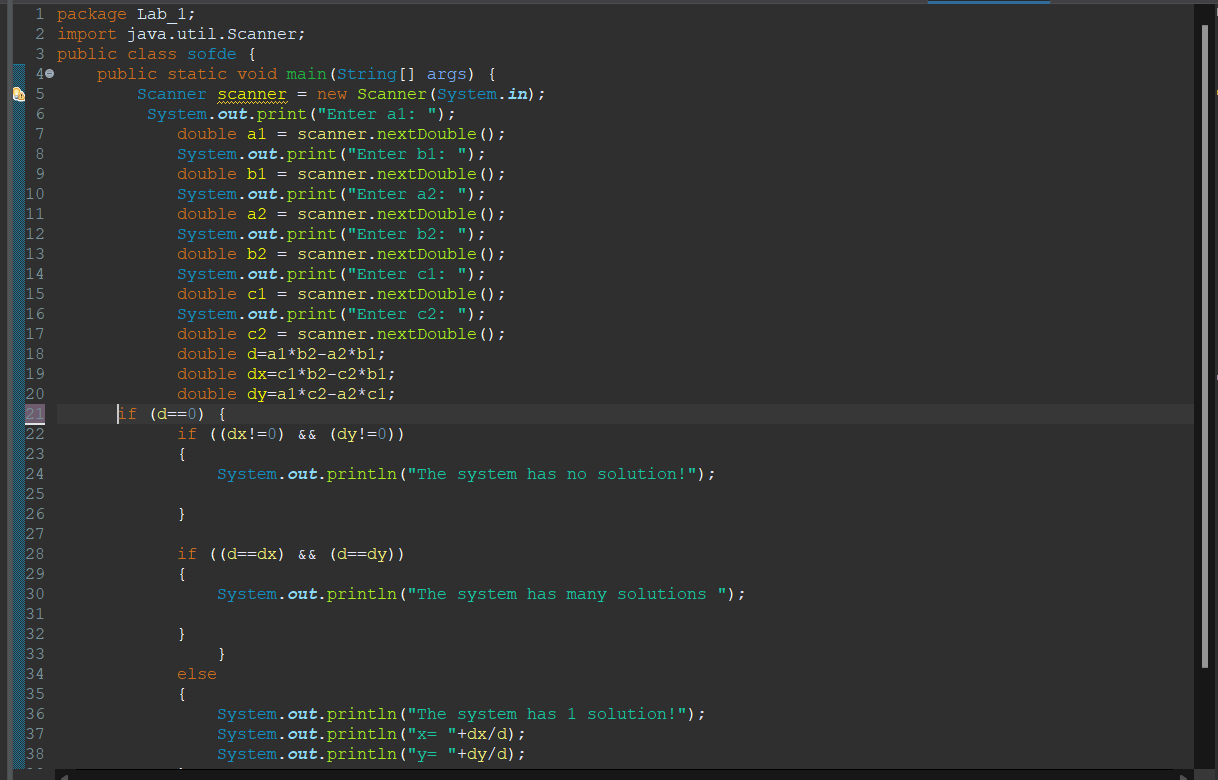
a.

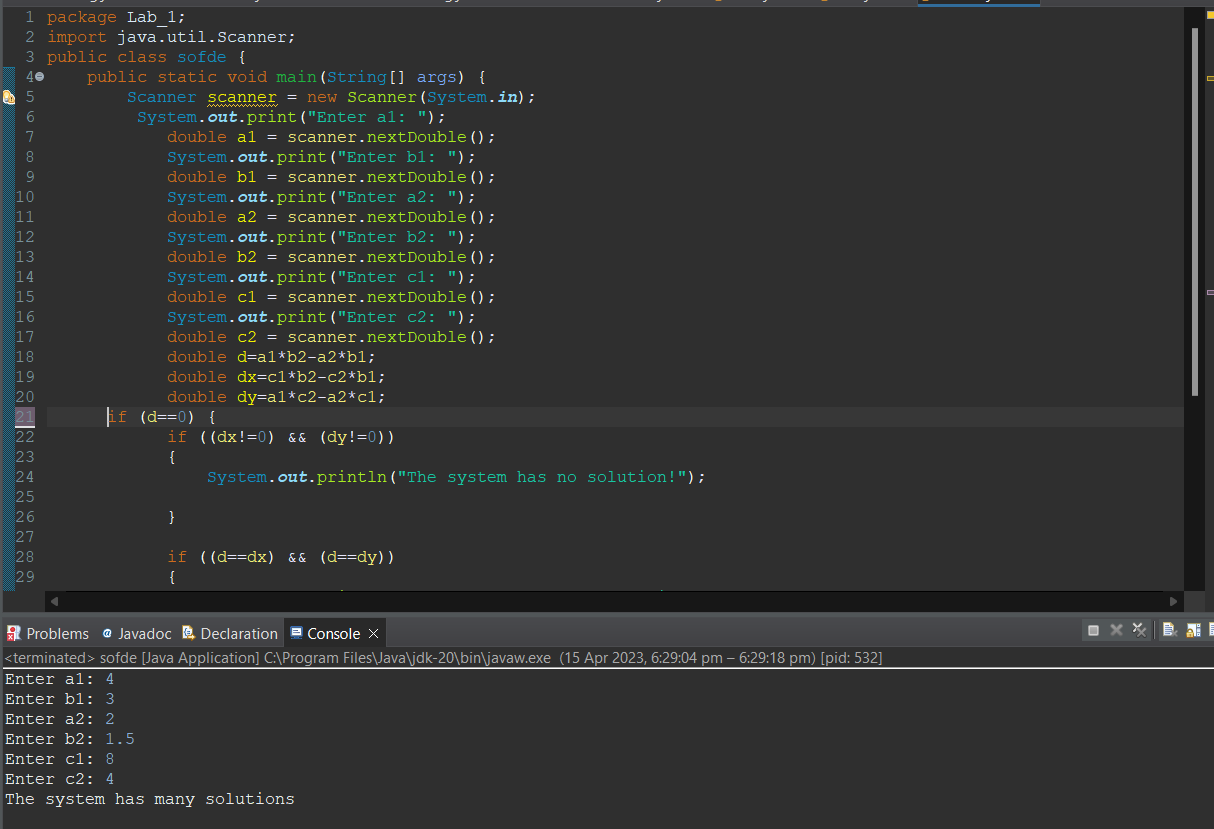


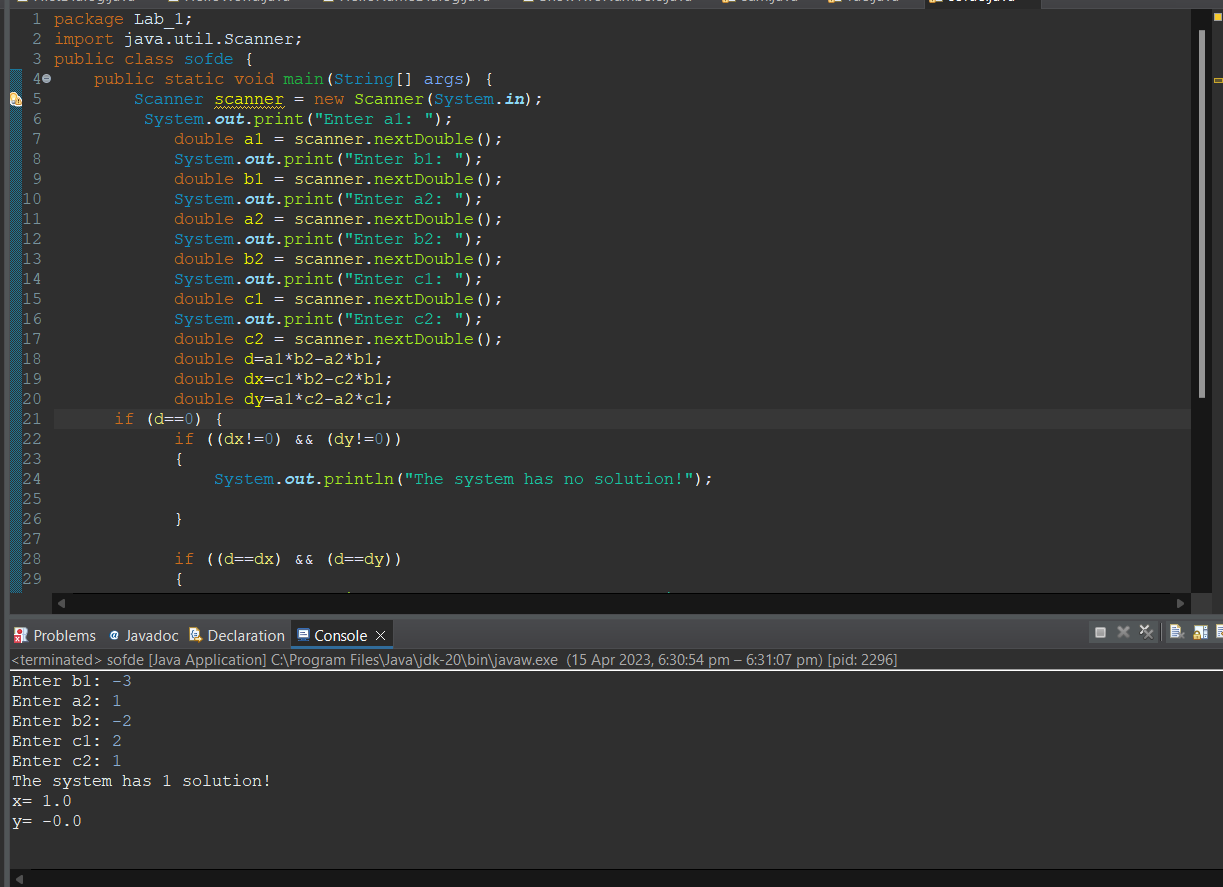


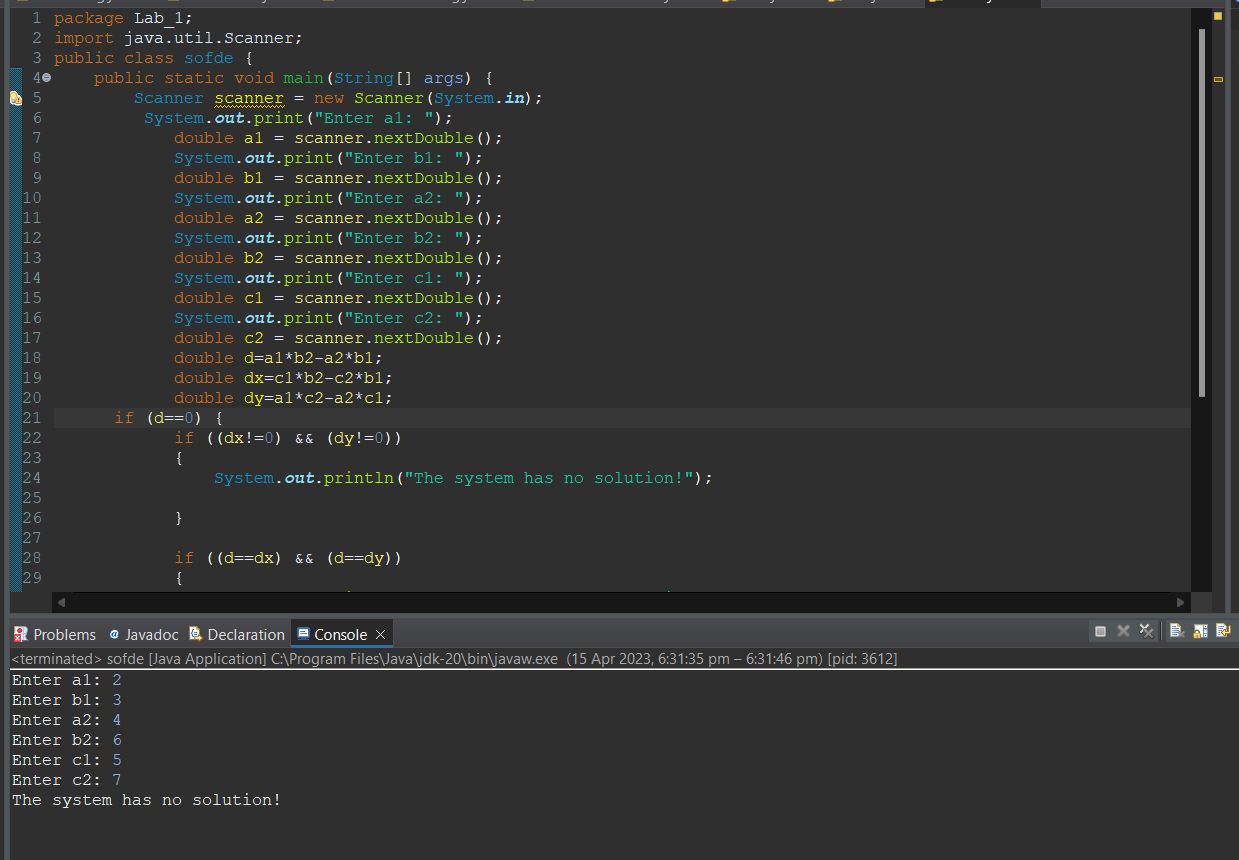


b.

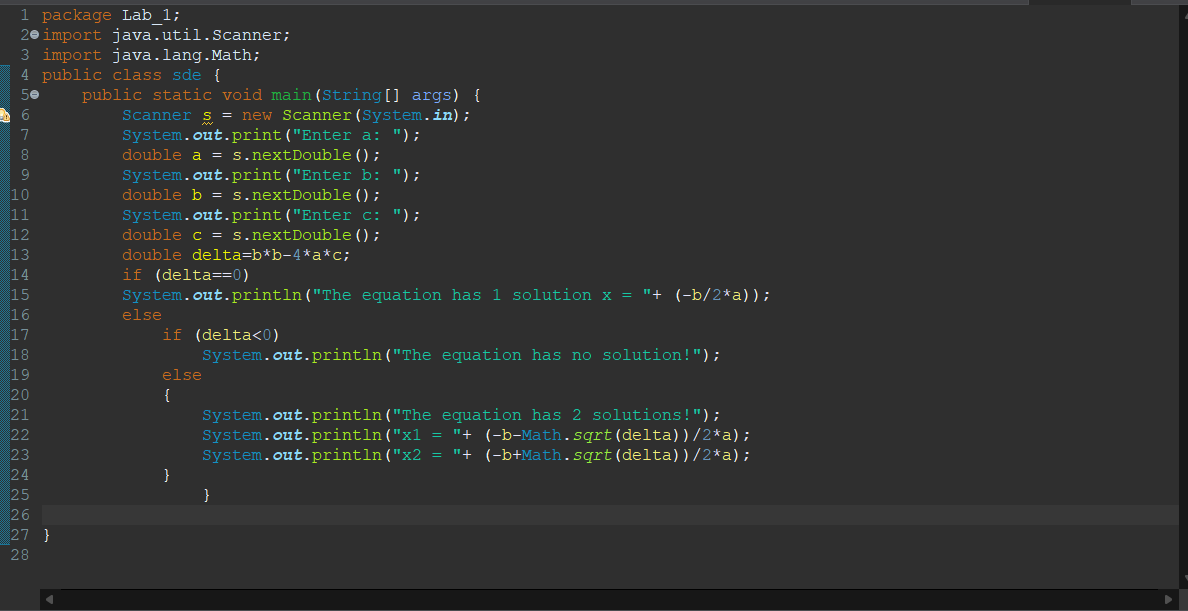


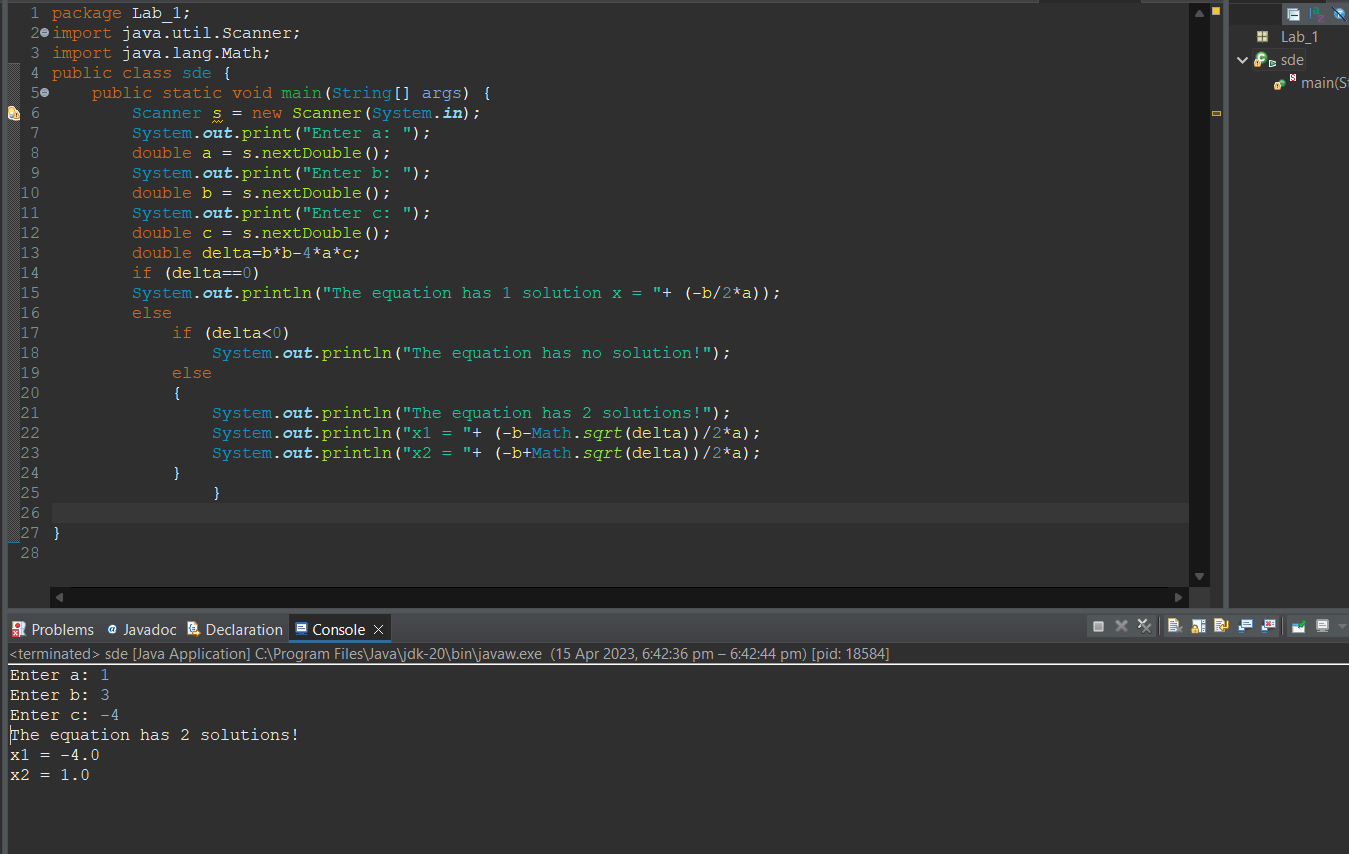


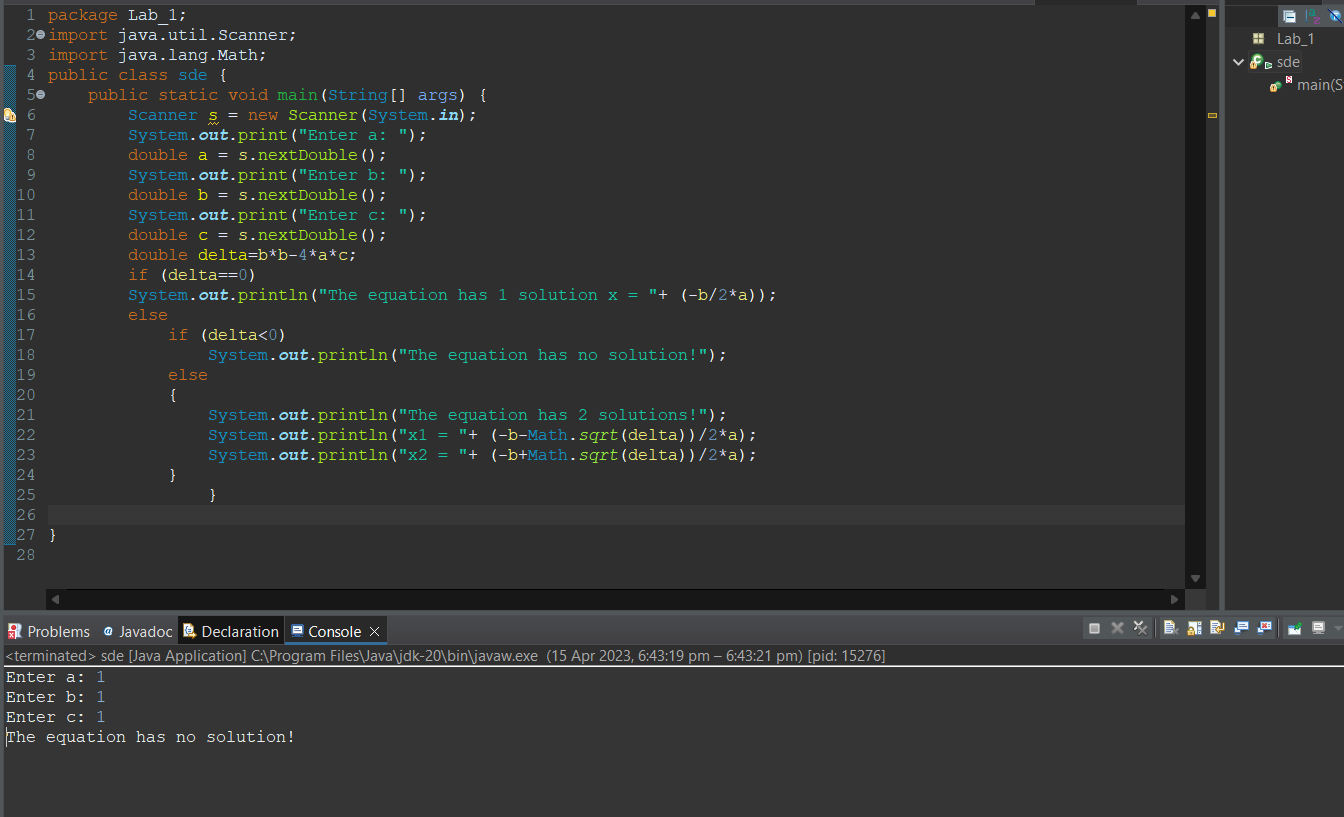


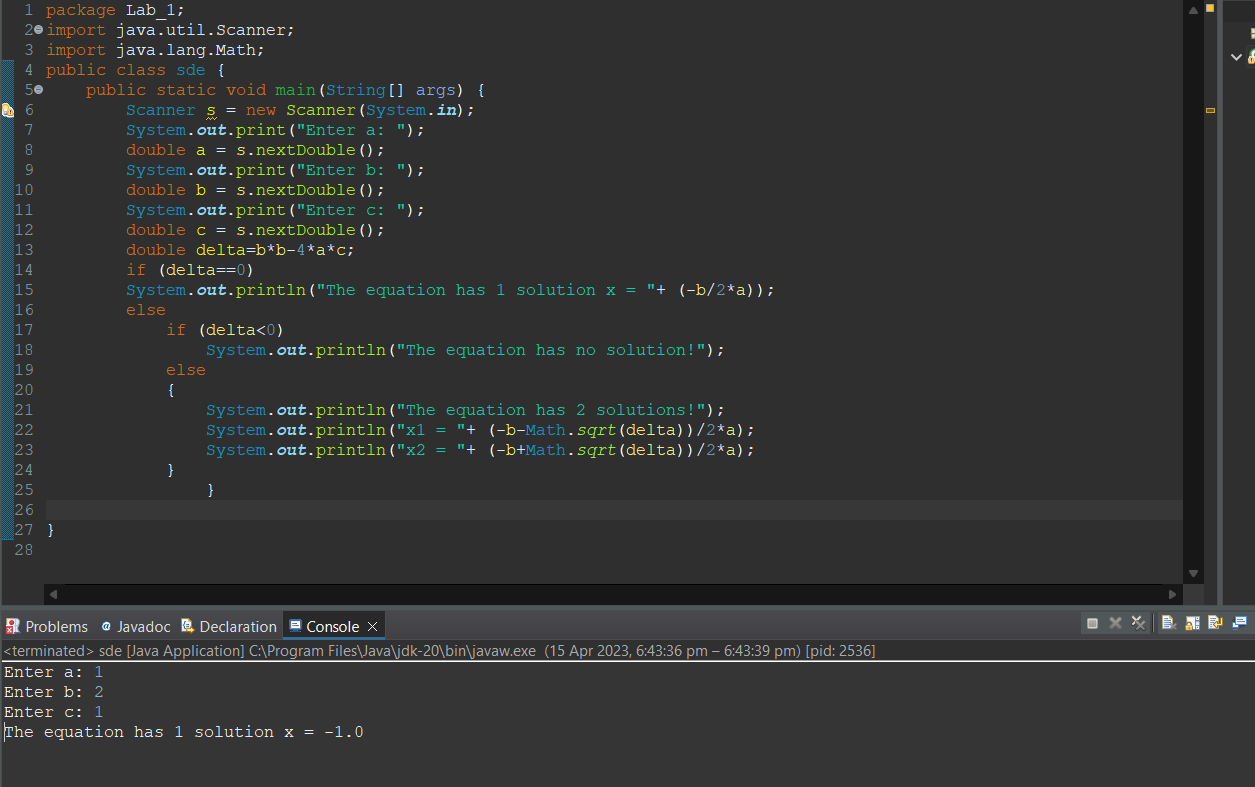


c.

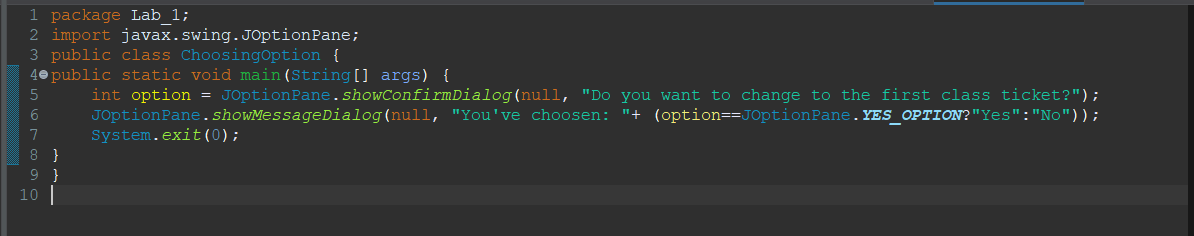




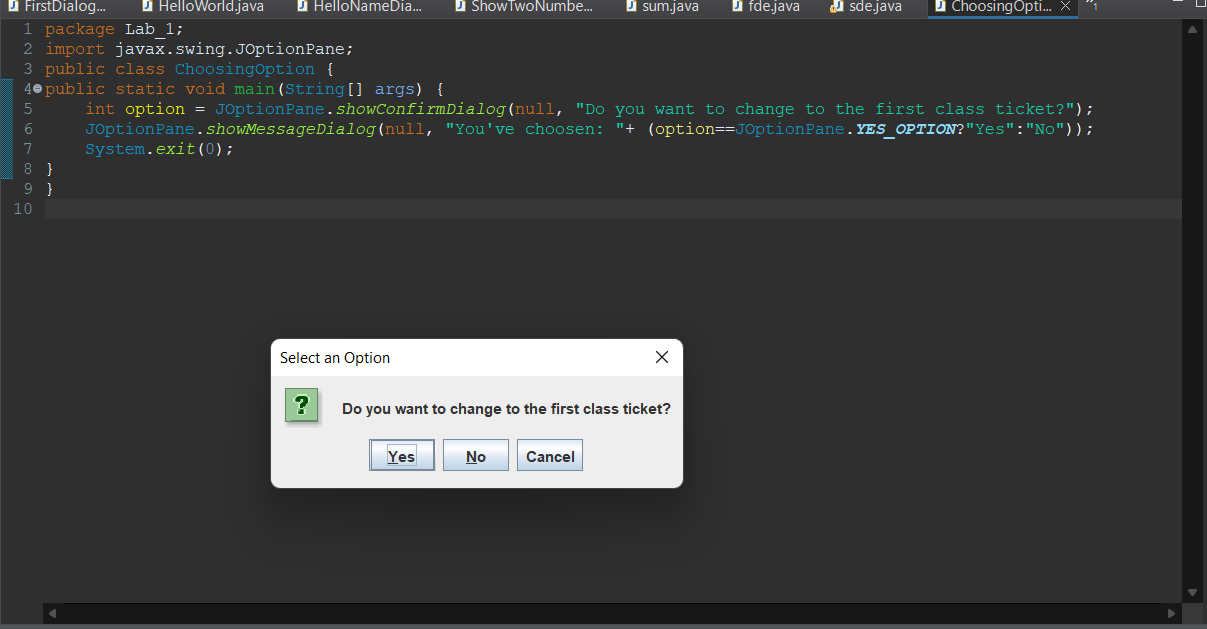


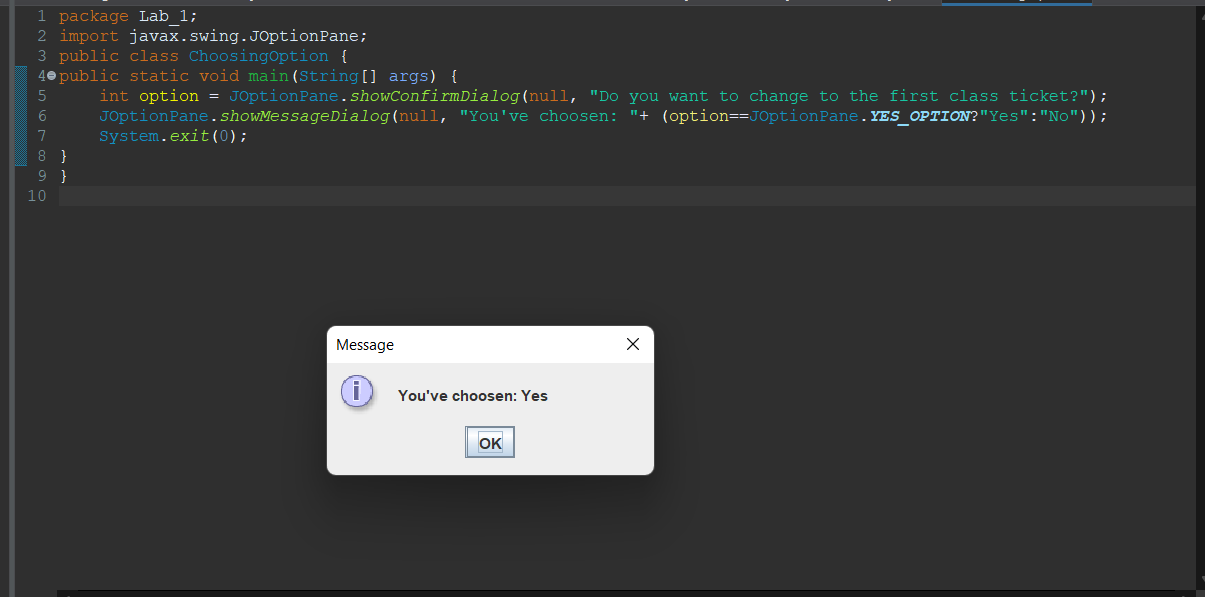


*6.1 Write, compile and run the ChoosingOption program:*

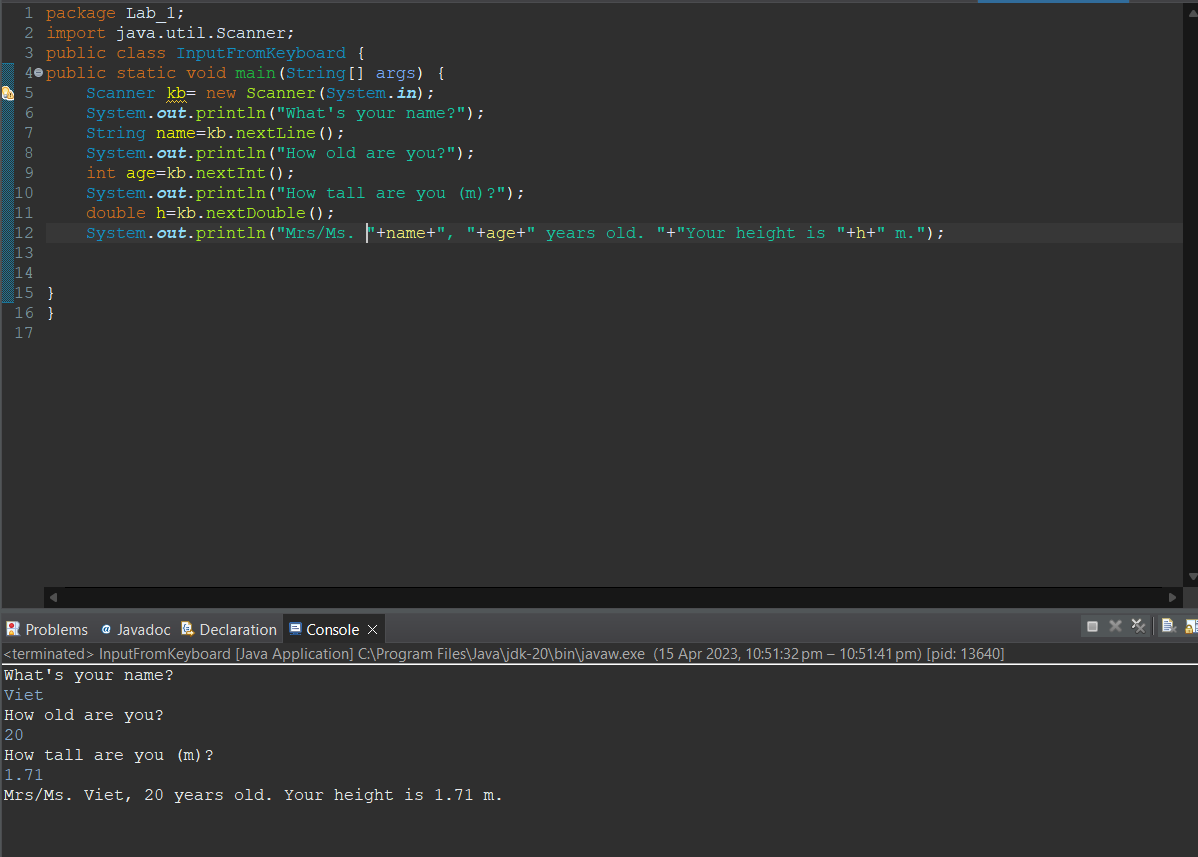


Result:

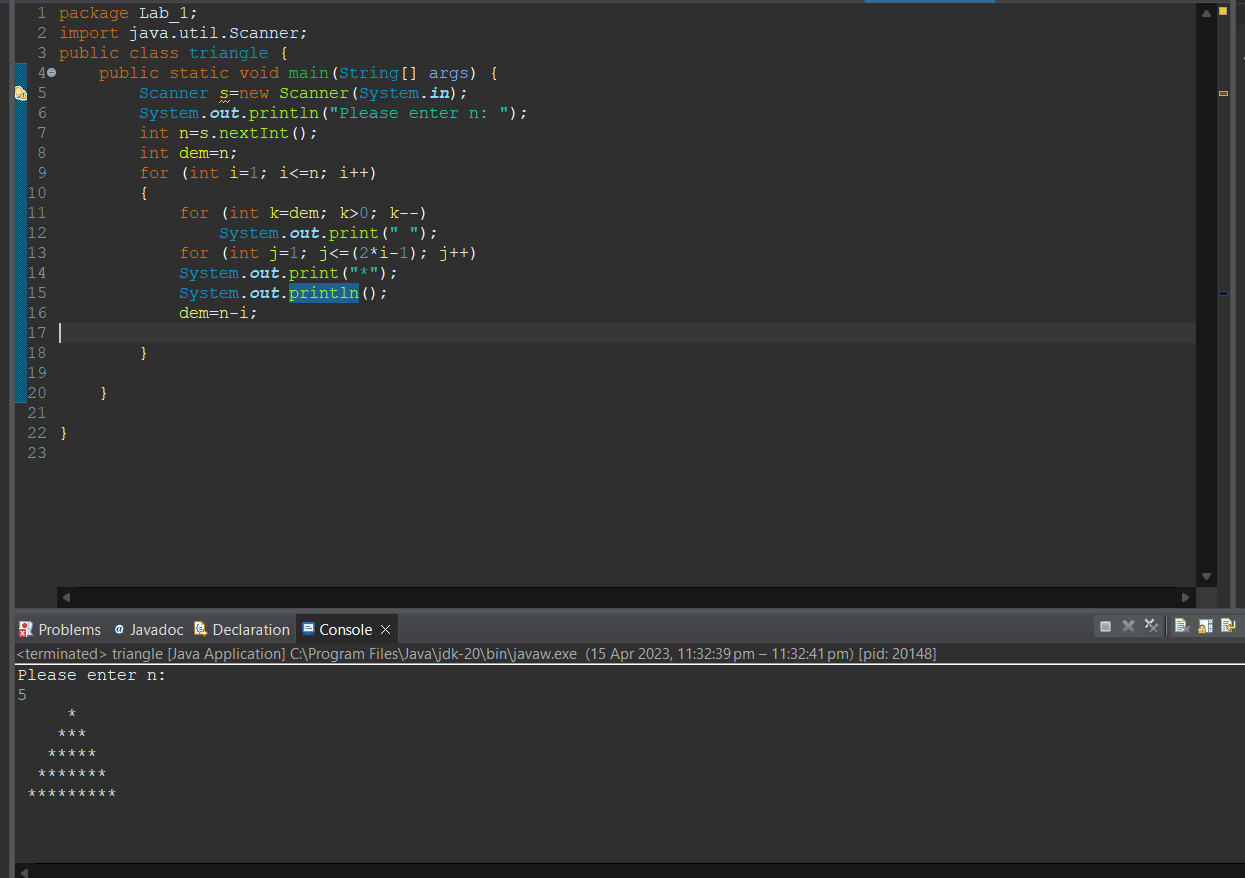




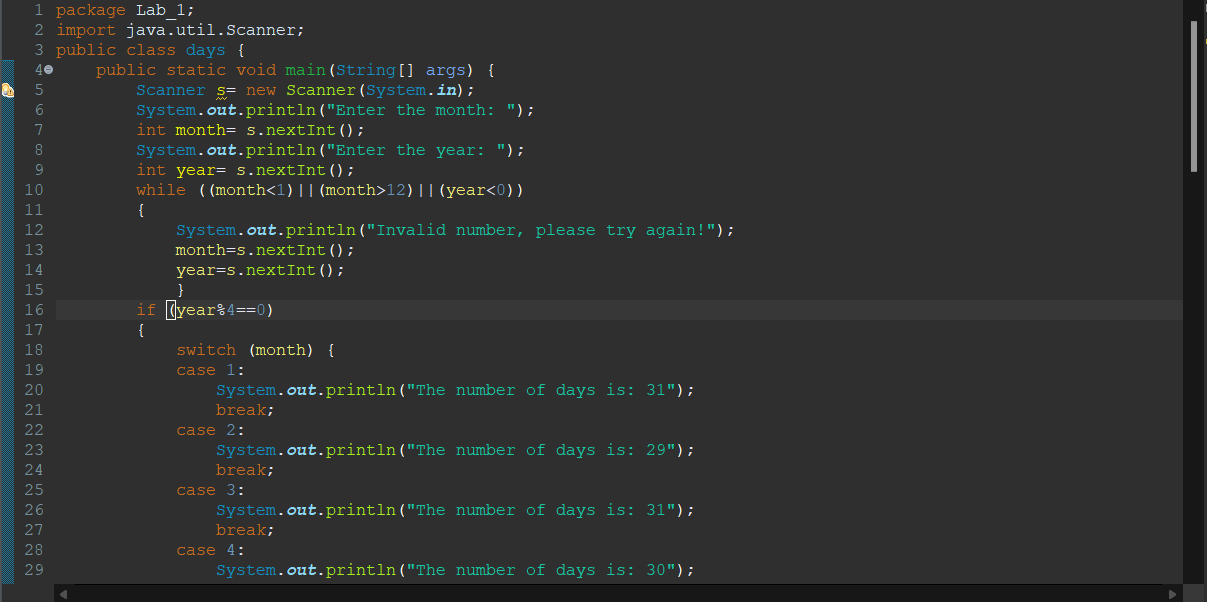
*6.2 Write a program for input/output from keyboard*

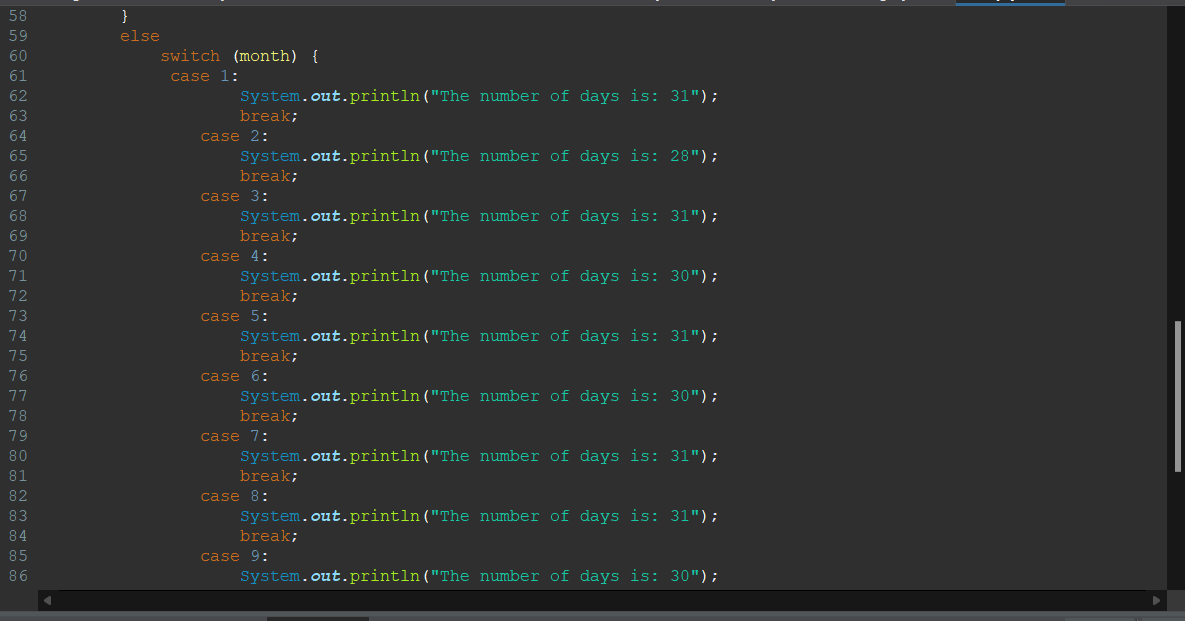


*6.3 Write a program to display a triangle with a height of n stars (\*), n is entered by users.*

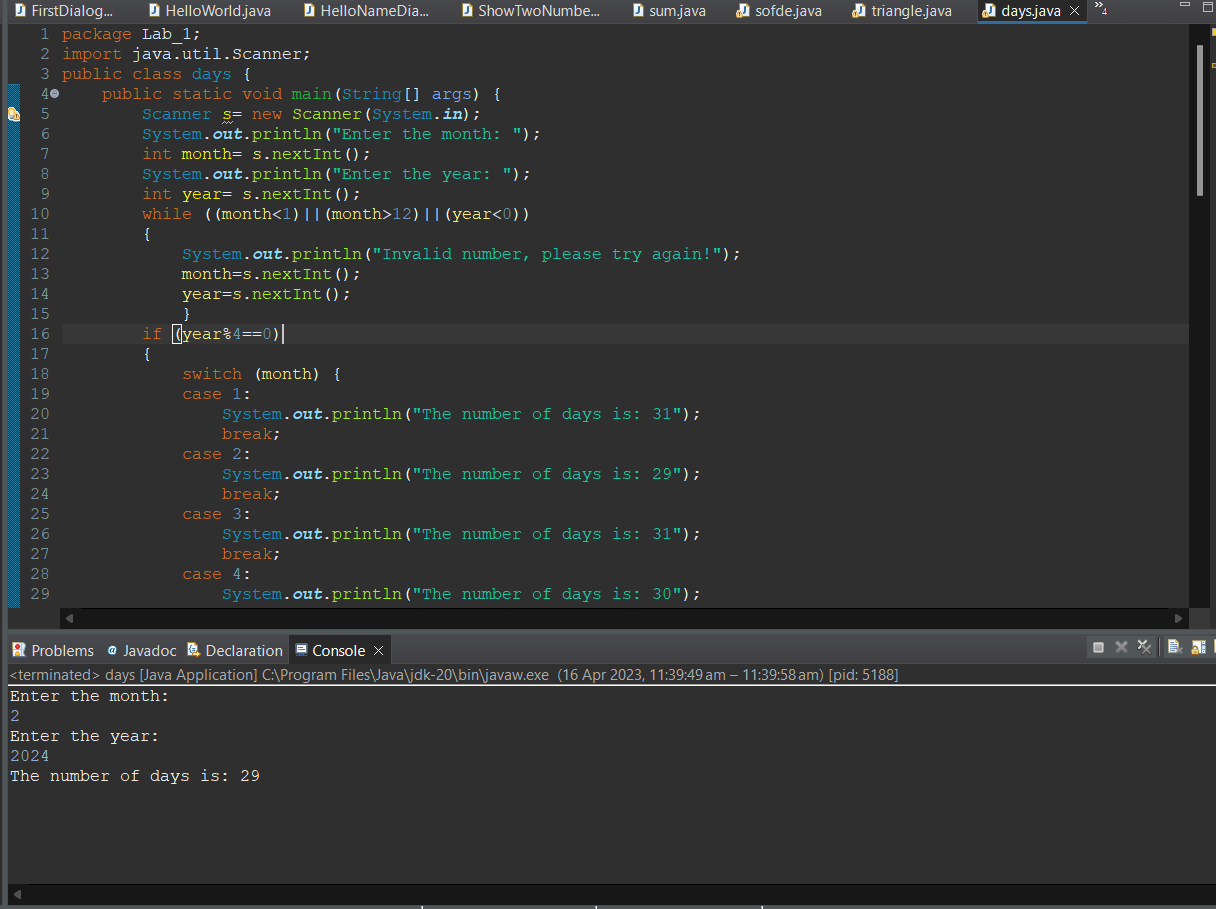


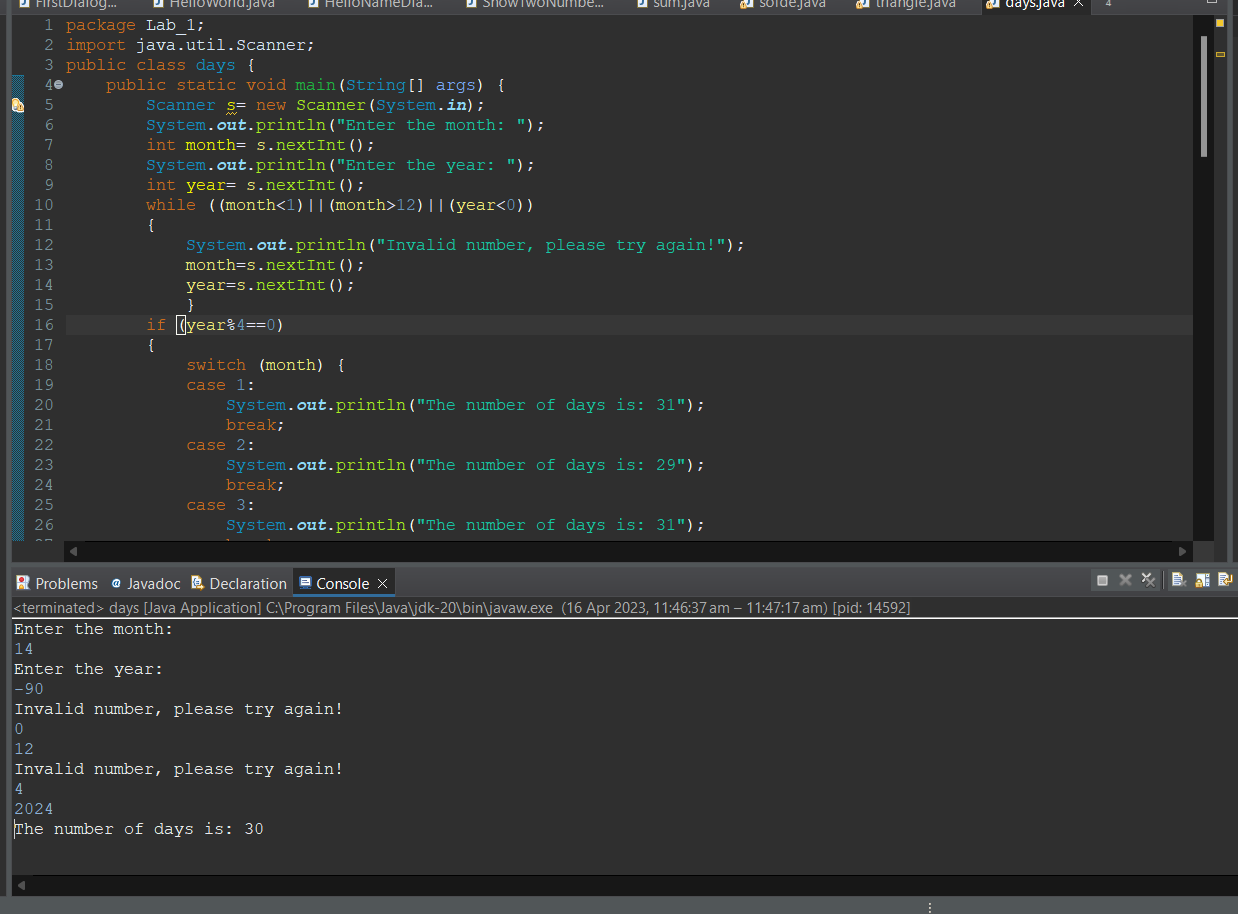
*6.4 Write a program to display the number of days of a month, which is entered by users (both month and years). If it’s a invalid month/year, ask the user to enter again.*

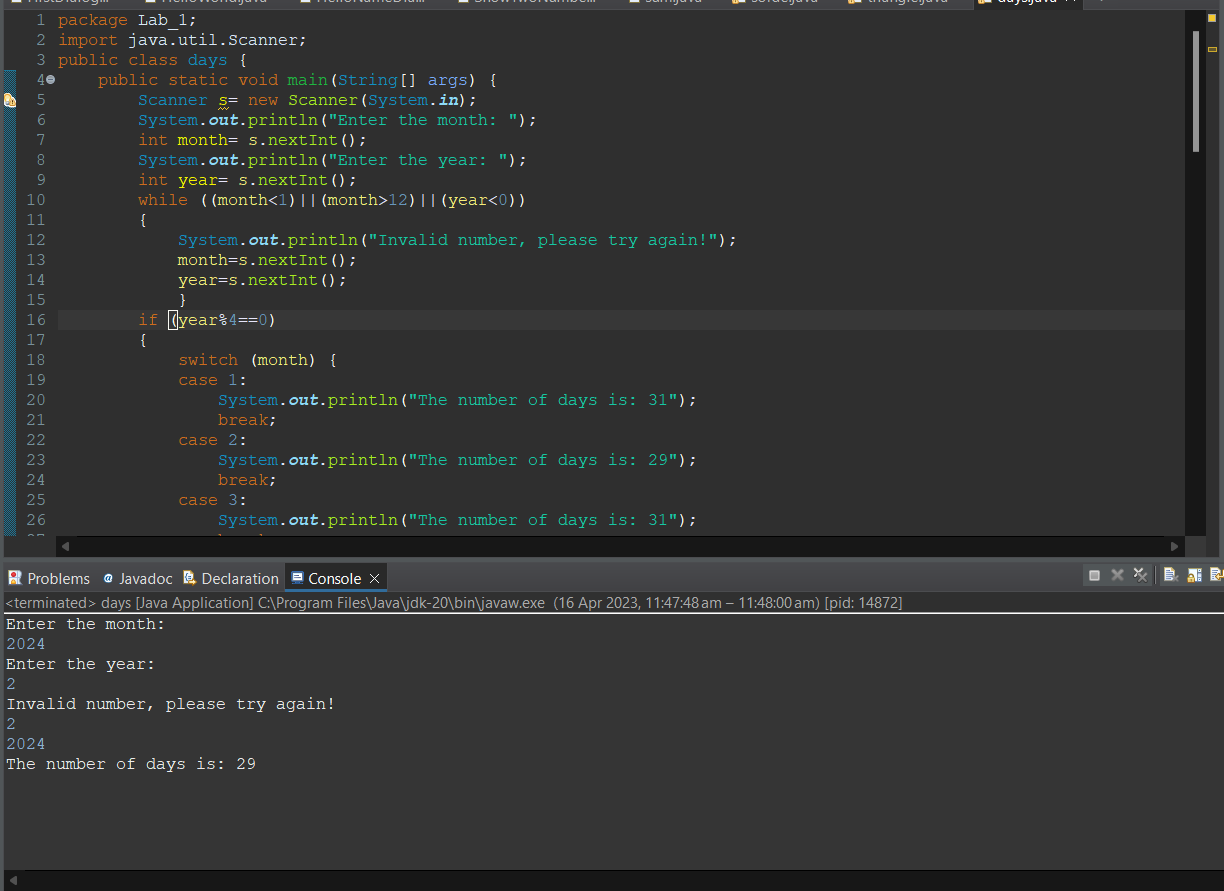
**

**

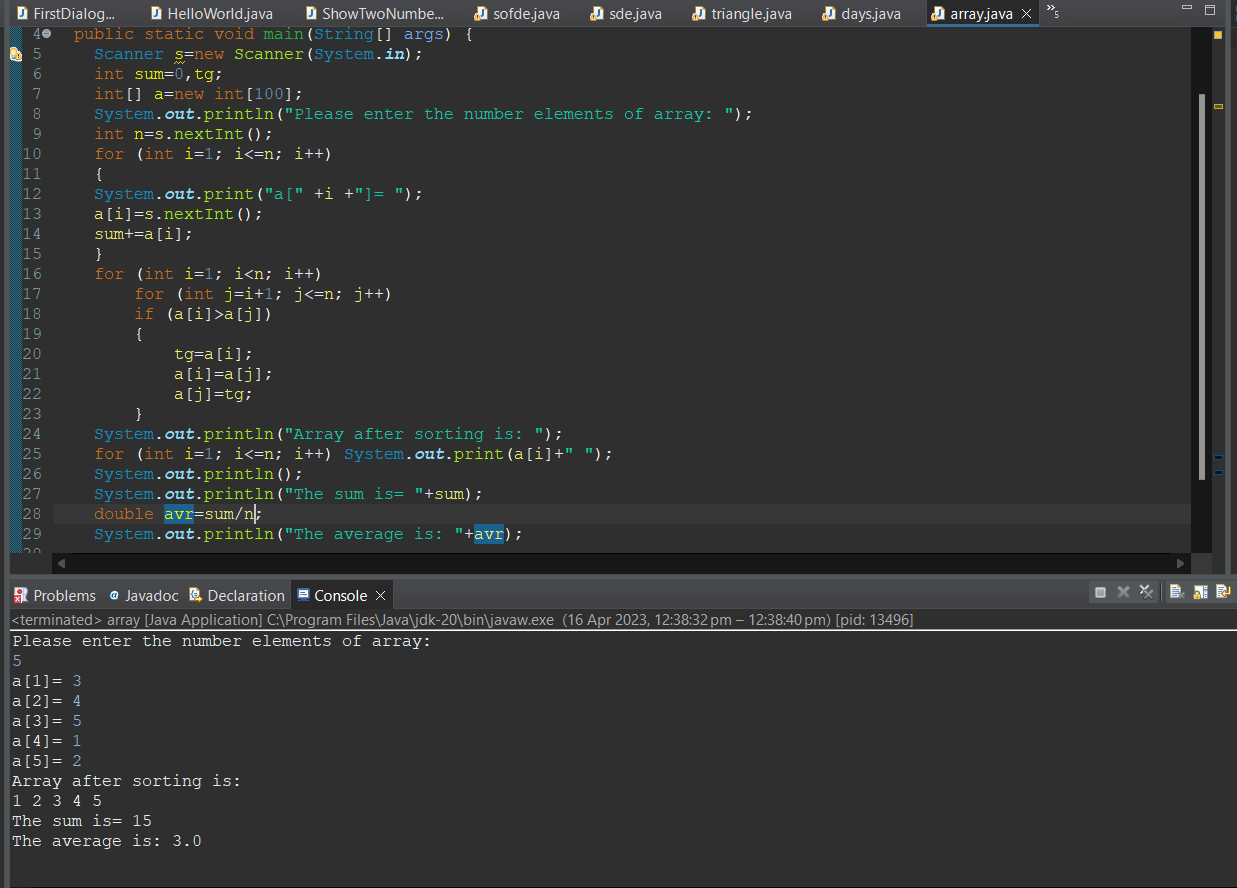
Result:

**

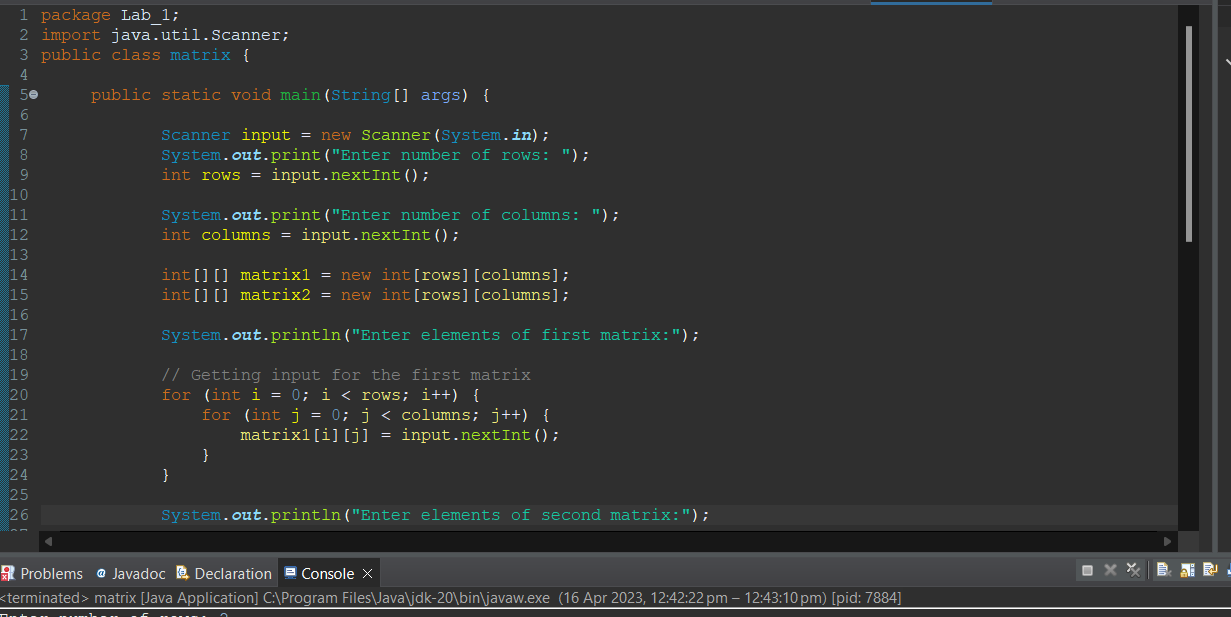
**

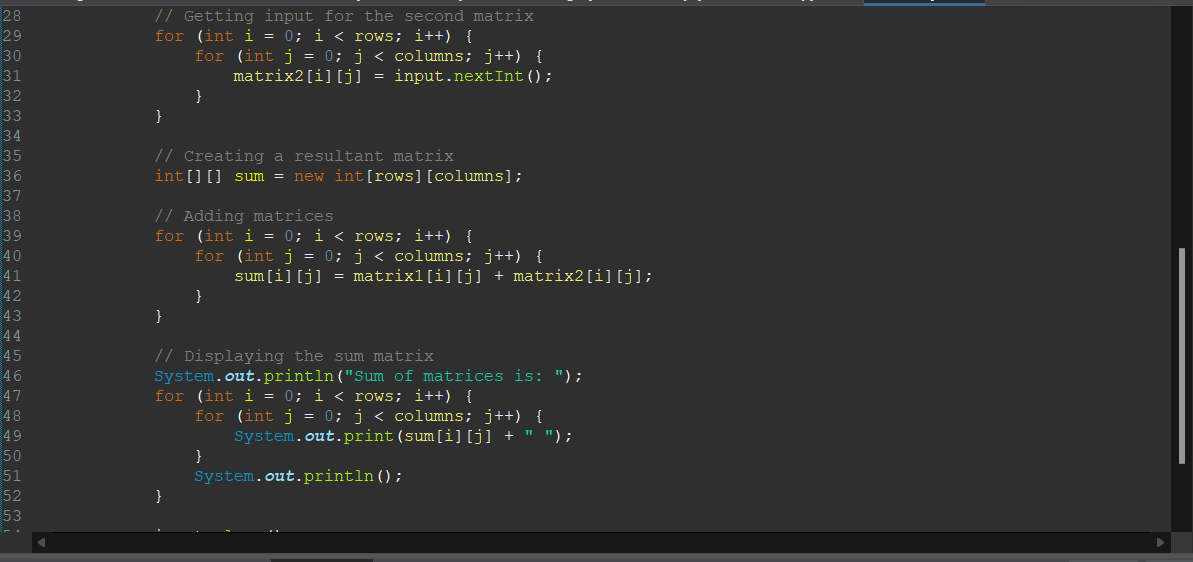
**

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

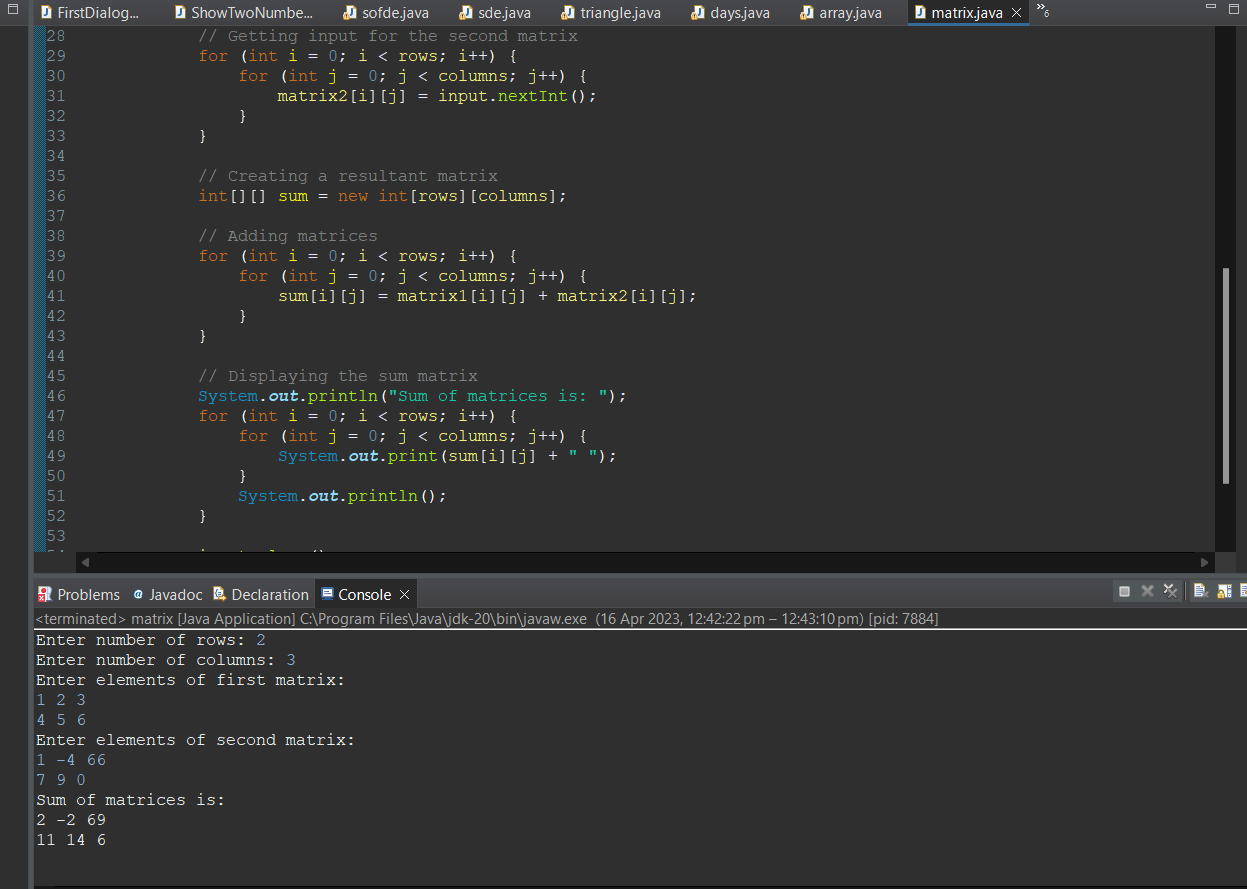
**

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

**

**

Result:

**