LAB REPORT

OBJECT-ORIENTED PROGRAM

The Very First Java Programs

2.2.1 Write, compile the first Java application:

Text

Description automatically generated

Result:

Text

Description automatically generated

2.2.2 Write, compile the first dialog Java program

Text

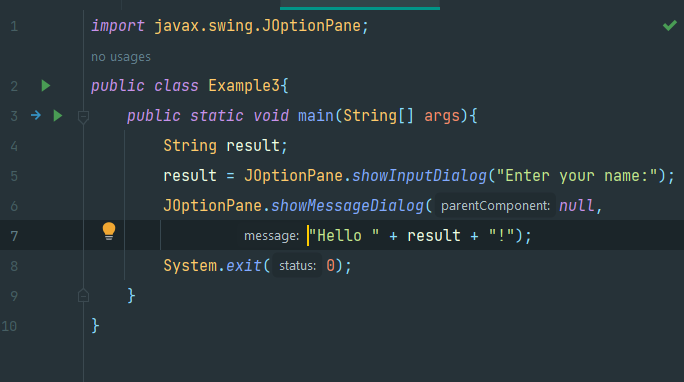
Description automatically generated

Result:

Graphical user interface, text, application, chat or text message

Description automatically generated

2.2.3 Write, compile the first input dialog Java application:



Result:

A screenshot of a computer

Description automatically generated with medium confidence

2.2.4 Write, compile, and run the example:

Graphical user interface, text, application, chat or text message

Description automatically generated

2.2.5 Write a calculator program:

Text

Description automatically generated

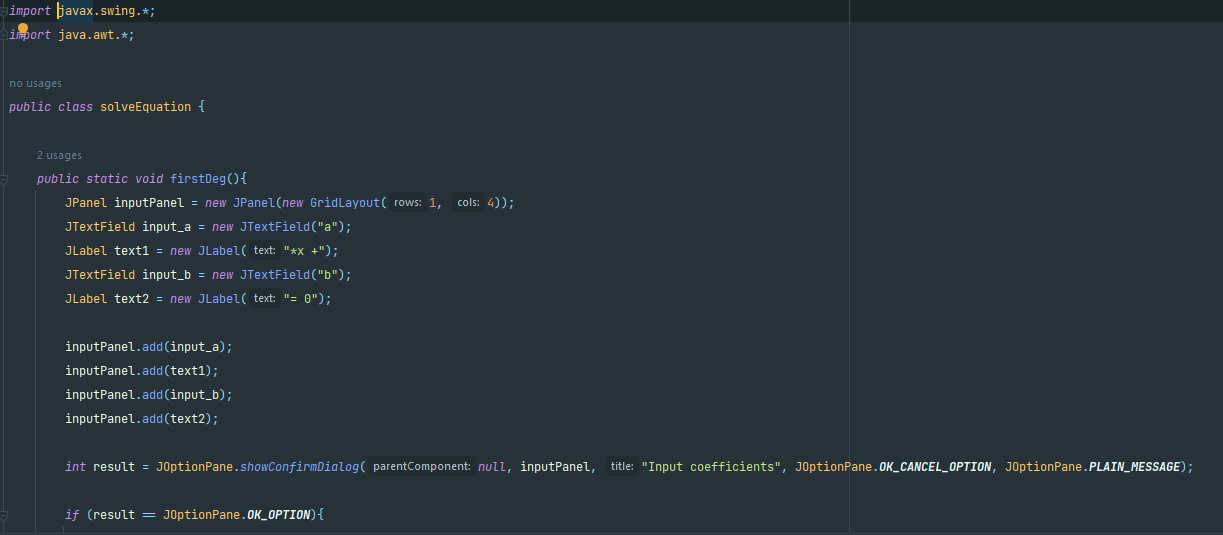
Result:

Text

Description automatically generated

2.2.6 Solve equations:

Text

Description automatically generated

Result:

Graphical user interface, application

Description automatically generatedGraphical user interface, text, application, chat or text message

Description automatically generated

Graphical user interface, text, application, chat or text message

Description automatically generated

Graphical user interface, application

Description automatically generated

6.1 Write, compile and run the ChoosingOption program:

Text

Description automatically generated

Graphical user interface, application

Description automatically generatedGraphical user interface, application, chat or text message

Description automatically generated

1.If users choose "Cancel" the program check the `YES\_OPTION` return false, macro function return the second option which is "No"

2.Add @MagicConstant int optionType and massageType

Graphical user interface, application

Description automatically generated

6.2 Write a program for input/output from keyboard:

Text

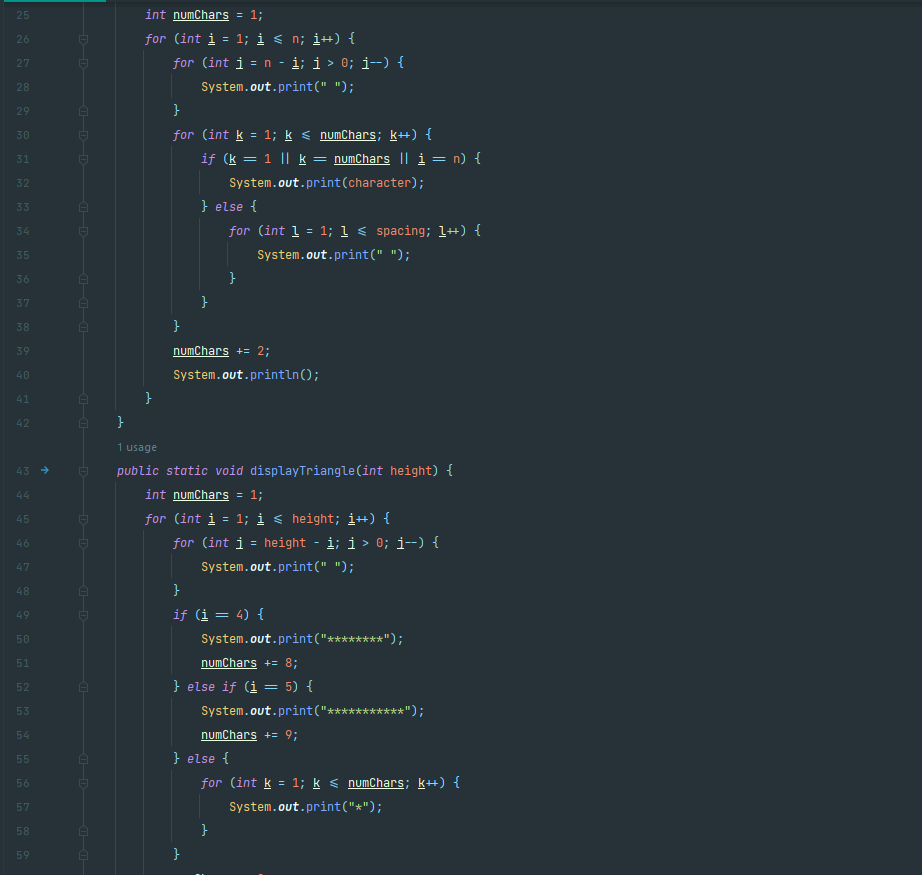
Description automatically generated

Result:

Text

Description automatically generated

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

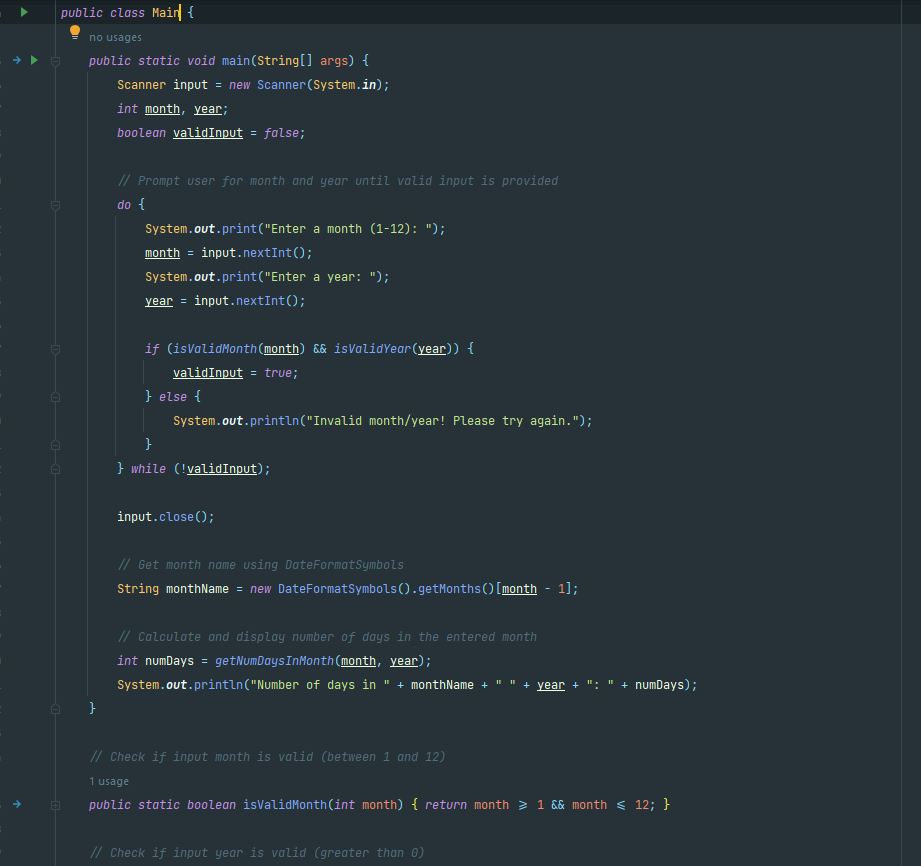


Result:

Text

Description automatically generated

6.4 Write a program to display the number of days of a month:



Result:

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

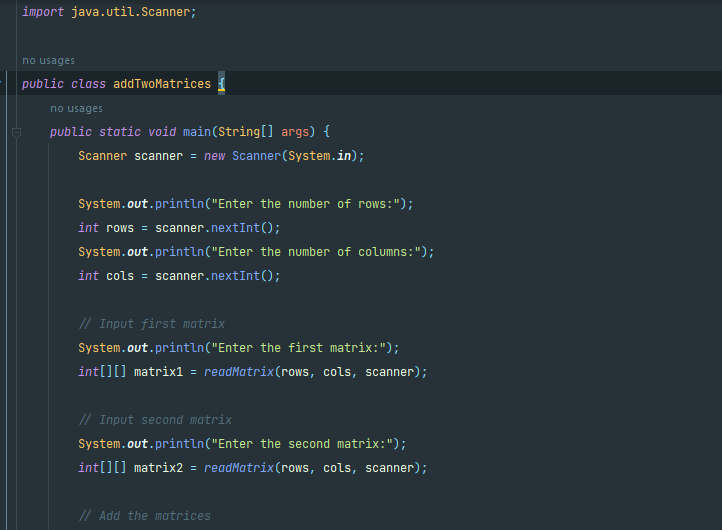
Description automatically generated

Result:

Text

Description automatically generated

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



Result:

Text

Description automatically generated