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Week1 Hand in Assigment

**Introduction**

The program consists of the following two classes:

**Week1\_HA\_Driver.JAVA:** This is the main Class.

* It uses JOptionPane and JFrame
* Calls another class for the welcome message name greeting.java
* Asks user using JoptionPane Name, Age and assigns these variables to String Age and String Name
* Then converts string Age to integer by int Ageint = Integer.parseInt(Age); command
* Does the calculations for age 10 years after
* Then writes the required messages on the screen with JOptionPane command.
* With your kind permission I have added some features. You have asked as to do the calculation for 10 years but I have decided to ask this to the user as:

// show a joptionpane dialog using to ask number of years to look ahead.

String Year = JOptionPane.showInputDialog(frame,"Would you like to take a look at your future?\n Enter number of years you would like to see ahead? "YourFuture!",JOptionPane.QUESTION\_MESSAGE);

* And then divided the answer into four age category depending on the age using IF…Else

1- Display message joptionpane if the age entered is bigger than 50

if (Ageint <= 5 )

JOptionPane.showMessageDialog(frame,"In " + Yearint + " years you will be " + totalAge + " years old, Are you sure you can type now?","Guess What?",JOptionPane.WARNING\_MESSAGE);

2- Display message joptionpane if the age entered is less than 30

if (Ageint > 6 && Ageint< 30 )

JOptionPane.showMessageDialog(frame,"In " + Yearint + " years you will be " + totalAge + " years old! Still young though!","Guess What?",JOptionPane.WARNING\_MESSAGE);

3- Display message joptionpane if the age entered is between 30 and 50

if (Ageint > 30 && Ageint <50 )

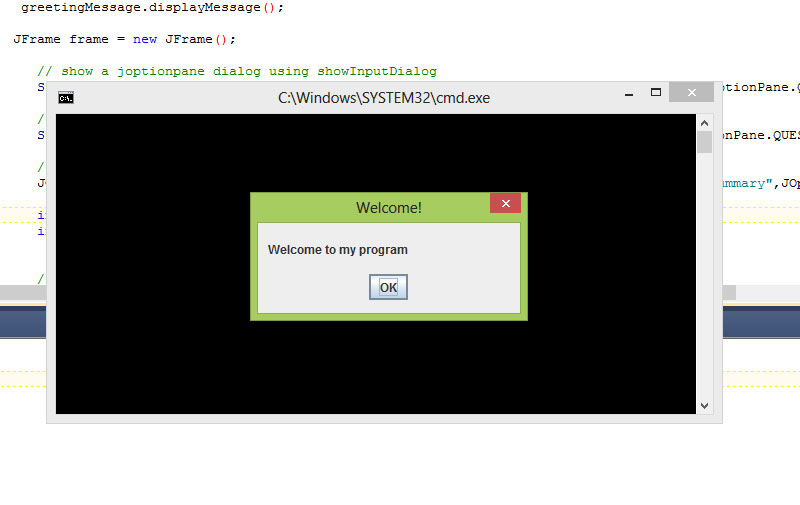
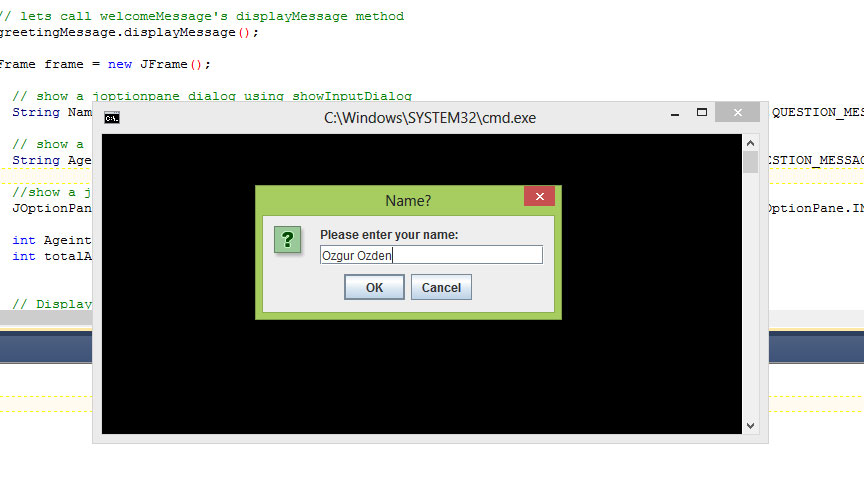
JOptionPane.showMessageDialog(frame,"In " + Yearint + " years you will be " + totalAge + " years old, still in the mid years! But still young though!","Guess What?",JOptionPane.WARNING\_MESSAGE);

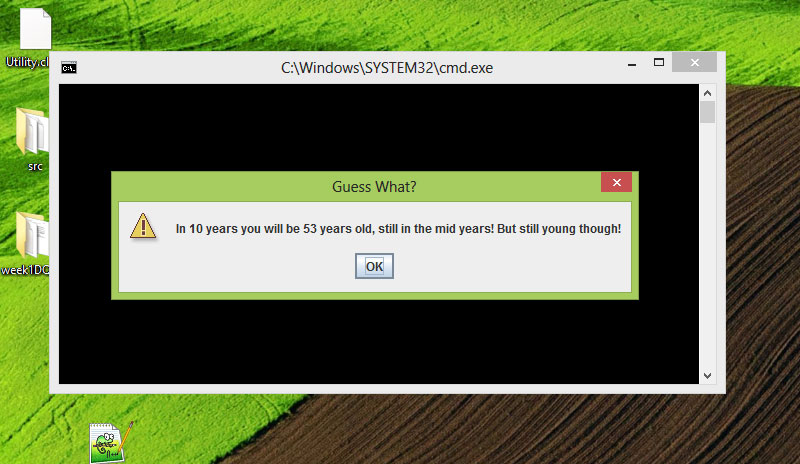
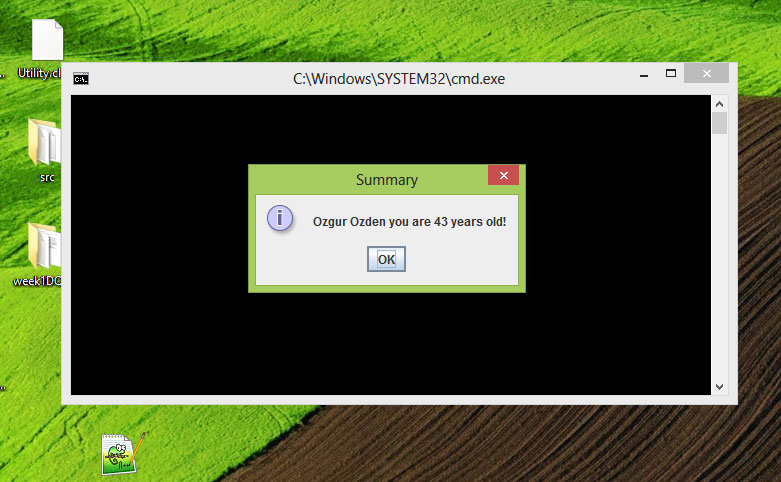
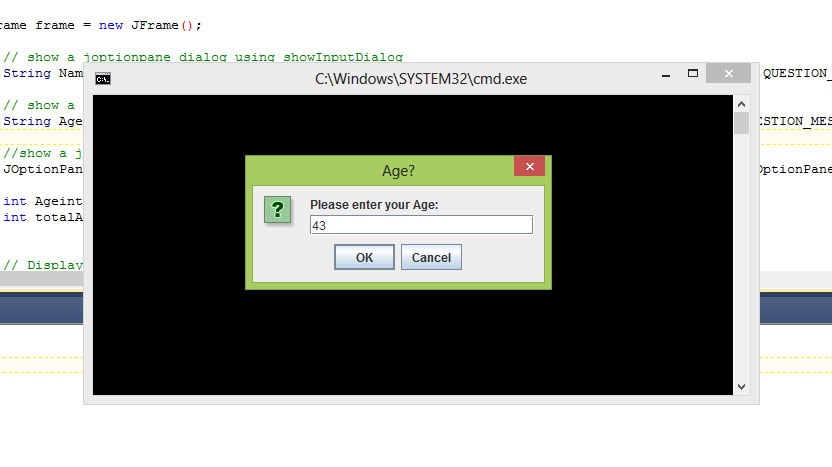
4- Display message joptionpane if the age entered is bigger than 50

if (Ageint > 50 )

JOptionPane.showMessageDialog(frame,"In " + Yearint + " years you will be " + totalAge + " years old, but very mature!","Guess What?",JOptionPane.WARNING\_MESSAGE);

1. **greeting.JAVA** This is the second class to display welcome message by JOption Pane command. It is called from the main program.

**SCREENSHOTS: **

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