Unit 3 Lab 3 - Input / Output JOptionPane

Name _____

class hour _____ Pts: 10

I. Input Using JOptionPane and ShowInputDialog( ) (Chapter 5.7 page 277 in our normal textbook)

1) a) Open **P1ch3lab3.java**

b) Run and write what you see. (Note: Do not do anything else yet.)

_____

_____

c) What is the title of the dialog box (top left)? _____

d) Write what the message is that is above the white rectangular text box.

_____

Note: Select Cancel

e) Change the second line of the program code by deleting the then <OK> then Run

f) Write what the message is that is above the white rectangular text box.

_____

g) What is the text in each button below the white rectangular text box?

_____ _____

h) Type your name in the white rectangular text box and press the [OK] button

i) Did the output show up in the same window as the dialog box? (Yes / No) _____

j) Run and this time immediately press the [Cancel] button, then write the output below.

Look at the code and answer:

k) What new Class is imported? _____

l) What is the method associated with JOptionPane? _____

m) What data type is the variable name1 used to store the input from the dialog box and also used in the println statement? _____

n) Delete the **null**, from the second line of code then Run

o) Did you get the same dialog box as before? (Yes / No) _____

(Note: The null tells the computer to put the dialog box centered on the screen and if left out it is the default.)

p) Run again this time type in 12345 in the text box, then write the output below.

q) Can a number be stored in a string variable? (Yes / No) _____

Over

II. Input Using JOptionPane and showConfirmDialog( )

1) a) Open **P1ch3lab3b.java**
b) Run
c) What is the title of the dialog box (top left)? _____
d) Write what the text is that is above the three buttons.

_____

e) Press the [Yes] button, then write the output below.

f) Run and press the [No] button, then write the output below.

g) Run and press the [Cancel] button, then write the output below.

Look at the code and answer:
h) What is the method associated with JOptionPane? _____
i) What data type is the variable answer1 used to store the input from the button selection and used in the println? _____

III. Output Using JOptionPane and showMessageDialog( )

1) a) Open **P1ch3lab3c.java**
b) Run
c) What is the title of the dialog box (top left)? _____
d) Write what the text is that is above the [OK] button.

_____

e) Look at the code and answer:
What is the method associated with JOptionPane? _____
f) Add the following statement as the first line of code in main( )
String example = “Bye Bye”; and change
JOptionPane.showMessageDialog(**null**,"Goodbye"); to
JOptionPane.showMessageDialog(**null**,example);
g) Run (there should be no error)
h) Write what the text is that is above the [OK] button.

_____

Summary

There are 3 methods that will create 3 different dialog boxes that can be used with the JOptionPane Class. Methods showInputDialog( ) and showMessageDialog( ) must use String data to store or output while showConfirmDialog( ) must use an **int** data type to store the selection of 0, 1, or 2.

Turn in this sheet to be graded!