

Chapter 10: Tutorial 01

This tutorial serves more as learning to program by observing. Refer the doc with java codes included with this tutorial to answer each of the following activity.

1. To successfully compile the java doc provided, what should be the name of the file?
2. How many constructors are declared in the java doc provided?
3. How many methods are declared in the java doc provided?
4. When executing the program, is the GUI visible? Why? How to make it visible?
5. Were you able to close the program by clicking x icon? Why?
6. Below the setVisible() declaration statement, add the code block provided below, save, compile and then run the program. Redo activity number 5 above.

```
        addWindowListener(new WindowAdapter(){
            public void windowClosing(WindowEvent e) {
                System.exit(0);
            }
        });
```

Note: The added block of codes listens to 's closing event, and upon receiving the event, it closes the program.

7. Up to this step, the submit button does nothing. In this activity we register an action listener that will be listening to a button click event. We will close the program when one clicks the submit button. Now, below the block added in activity 6, add the following block of code.

```
        btnSubmit.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e){
                System.exit(0); }
        });
```

Save, compile and run the program. What happens when a Submit button is clicked?

REFERENCES:

Modules10 Class Handouts

<https://docs.oracle.com/javase/7/docs/api/java/awt/GridLayout.html>

<https://docs.oracle.com/javase/7/docs/api/java/awt/event/ActionListener.html>

<https://docs.oracle.com/javase/7/docs/api/java/awt/TextField.html>

<https://docs.oracle.com/javase/7/docs/api/java/awt/event/WindowListener.html>