

Lab 05: More GUI: Radio Buttons, Combo Box & Font

Exercise 1 – Radio Button fonts.

This exercise must be completed during the lab period.

Overview

The purpose of this exercise is to create a GUI using radio button and combo box objects, and to use the Window Adapter.

Part 1: GUI Panel Design

You will create a frame that contains 4 radio button, each button represents a font style (Plain, Bold, italic, Bold italic) you are required to create the following:



The fonts should change according to the users choice.

You will need:

```
JFrame aFrame ;  
JPanel p1;  
JLabel l1;  
JRadioButton rb1,rb2,rb3,rb4 ;  
ButtonGroup group ;  
  
Font bold , italic , Plain , bOLDAndItalic ;
```

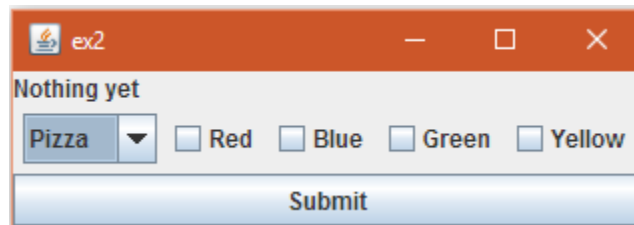
In addition, you will create a separate class that handles the buttons, the class should implement item listener

Exercise 2 – Combo Boxes.

This exercise must be completed during the lab period.

You will create a frame that contains a comboBox (dropdown list) the user should be able to choose his favorite food from the list, then he will be presented with 4 check boxes that indicates the colors he likes (note since it is a check box, the user can choose more than 1 option).

The Frame should look like the following:



When the user clicks on submit the label on the top of the frame will change to correspond with his choices e.g. You like pizza and your fav. Colors are blue and green.

You will need the following:

```
JFrame aFrame ;
JPanel p1;
JLabel l1 ;
String choices [] = { "Kabsa", "Pizza", "Burger" } ;
JComboBox cb ;
JCheckBox ch1 , ch2 , ch3 , ch4 ;
JButton b1 ;
```