**CSC 1302: PRINCIPLES OF COMPUTER SCIENCE II**

**Lab 14**

**How to Submit**

Please submit your answers to the iCollege ‘assignment’ dropbox for your lab, once you have completed. Failure to submit within your given time period will result in a **ZERO FOR THIS LAB. NO EXCEPTIONS**.

Write a client program ***FXCapitals*** and in the application:

1. It allows a user to select a country from a list box that contains at least seven options. After the user makes a selection, display the country’s capital city in a **LabelA**. Save the files. Below is the source for the main running file FXCapitals.java, and you need to write the document controller (FXMLDocumentController.java) – this name is from the Scene Builder software.
2. You will need the Scene Builder from Oracle (Windows, Linux, Mac) <https://docs.oracle.com/javafx/scenebuilder/1/installation_1-1/jsbpub-installation_1-1.htm>
3. Then install for an IDE (Eclipse) <https://docs.oracle.com/javafx/scenebuilder/1/use_java_ides/sb-with-eclipse.htm#BABBFEBD>
4. Other IDEs: <https://docs.oracle.com/javafx/scenebuilder/1/use_java_ides/jsbpub-use_java_ides.htm>

**package fxcapitals;**

**import javafx.application.Application;**

**import javafx.fxml.FXMLLoader;**

**import javafx.scene.Parent;**

**import javafx.scene.Scene;**

**import javafx.stage.Stage;**

**public class FXCapitals extends Application {**

**@Override**

**public void start(Stage stage) throws Exception {**

**Parent root = FXMLLoader.load(getClass().getResource("FXMLDocument.fxml"));**

**Scene scene = new Scene(root);**

**stage.setScene(scene);**

**stage.show();**

**}**

**/\*\***

**\* @param args the command line arguments**

**\*/**

**public static void main(String[] args) {**

**launch(args);**

**}**

**}**