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);
    }

}
```