

p2 HelloFX

Due Jul 9 by 11:59pm **Points** 30 **Submitting** a file upload **File Types** zip
Available Jun 29 at 12am - Jul 9 at 11:59pm 11 days

This assignment was locked Jul 9 at 11:59pm.

Please seek help from each other as best you can and credit any pseudocode or code you get from other sources.

[Learning Outcomes p2 \(HelloFX\)](#)

CAUTION: There are many details that will be different depending upon your OS, where JDK and JavaFX were installed, how you configured the final project. You may need to google installation and configuration instructions and resolve these issues for yourself or with classmate's help. It is not possible for us to provide individual tech support via email. Be sure to meet with us during scheduled remote sessions.

Our instructions assume that you have installed Java 11.04 and Eclipse 2019-06. Instructions for other systems are likely similar, but may be different.

1. [Work from Home](#)

2. [JavaFX v11 for Eclipse and HelloFX](#)

1. JavaFX Install javafx as a User Library
2. JavaFX Create HelloFX project
3. JavaFX Configure HelloFX project
4. JavaFX Edit HelloFX project

3. After completing the above, add the following to your project:

1. add a Label in the top panel, that says "CS400 My First JavaFX Program"
2. add a ComboBox in the left panel, that shows a drop down box with three or more items that can be selected.
(selecting does not have to do anything for this program. **Tip:** google "JavaFX ComboBox")
3. add an ImageView of an Image in the center panel (**Tip:** google "JavaFX ImageView")
(image file must be copied to your project and the image must be a photo or drawing of your face)
4. add a Button in the bottom panel with the label "Done"
(button does not have to, but can be programmed to close window)
5. **add a user interface control element of your choosing in the right panel.**

4. Run application and save a screenshot of your application window.

5. Try running your program from the command line.

1. Eclipse -> Run -> Run Configurations

2. Click **Show Command Line**
 3. Click **Copy and Close**
 4. Open a **Command Window** on your computer
 5. Navigate to your Eclipse project
 6. Paste the **Command Line** command
 7. **Windows Users: Add quotes around the path to the javaw.exe command if there are spaces in the command.**
 8. Type **Enter** to run program
6. **[OPTIONAL, but welcome.** Only try this step if you can run from command line] **Create a runnable executable.jar file.**

You can start by following and modifying these instructions to be specific to your HelloFX project:

[Create a Project Java ARchive \(JAR\)](#)

7. **[REQUIRED] Create a zip file of all of your project files**
1. If you got it to work from command line:
 1. open terminal window
 2. navigate to your project folder
 3. **zip -r hellofx.zip .**
 2. Win10Users (from file explorer window):
 1. run program
 2. take a few screen shots of different functionality (one is fine if it shows all)
 3. open file explorer
 4. go to project folder
 5. select all files
 6. right-click
 7. select "Send to " -> zip or compressed file
 8. rename zip file to **hellofx.zip**
8. Submit **hellofx.zip**
9. **OPTIONAL: have a friend (with same operating system win/mac/linux) download and unzip your hellofx.zip file and try to run it with their instructions.**

Submit

Be sure that your **hellofx.zip** contains:

- **application/*** (all JavaFX source files including .css)
- **manifest.txt** (we hope to be able to use this later)
- **executable.jar** (if you were able to create one)
- your photo image file (jpg or png please)
- screenshot of the program when it is running (jpg or png please)

Criteria	Ratings		Pts
Submitted complete zip file Completed the steps to build the zip file	5.0 pts Full Marks	0.0 pts No Marks	5.0 pts
Top panel Top panel has contents as specified in assignment.	5.0 pts Full Marks	0.0 pts No Marks	5.0 pts
Left panel Left panel has contents as specified in assignment.	5.0 pts Full Marks	0.0 pts No Marks	5.0 pts
Center panel Center panel has contents as specified in assignment.	5.0 pts Full Marks	0.0 pts No Marks	5.0 pts
Right panel Right panel has contents as specified in assignment.	5.0 pts Full Marks	0.0 pts No Marks	5.0 pts
Bottom panel Bottom panel has contents as specified in assignment.	5.0 pts Full Marks	0.0 pts No Marks	5.0 pts
Total Points: 30.0			