

# CMPE 202

## Software Systems Engineering

Section 47

Spring 2026  
Instructor: Ron Mak

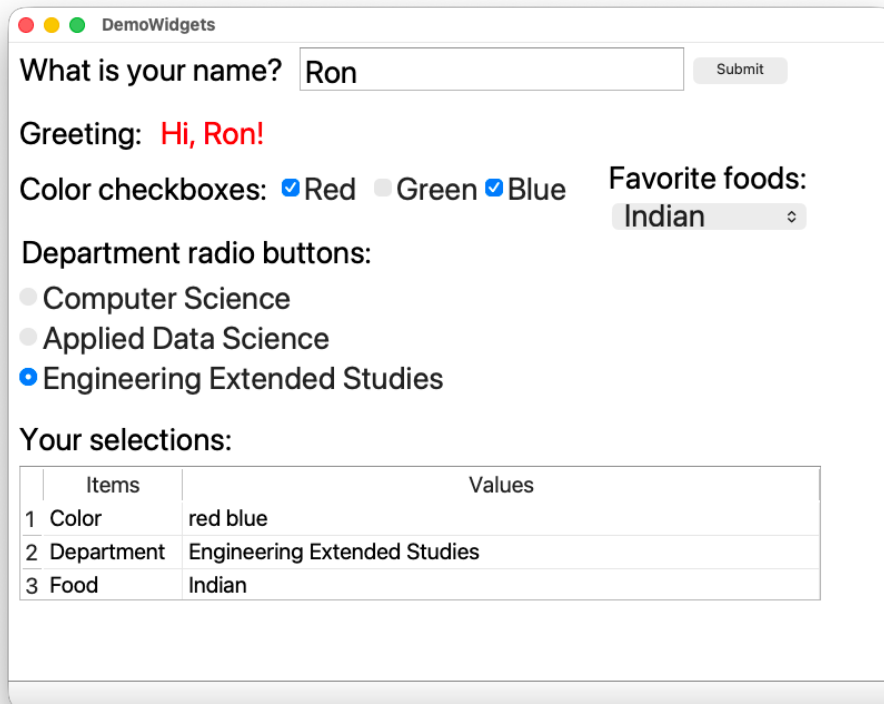
### Assignment #5

**Assigned:** Wednesday, March 11  
**Due:** Wednesday, March 18 at 11:59 PM  
**Individual** assignment, 100 points max

### Demo Widgets GUI App

This assignment will give you a chance to practice creating a GUI-based application using Qt 6.

Recreate the GUI demo widgets app shown in class. It should look similar to



Your app should run and produce similar effects. You can be creative and make changes and additions, but your app should have at least the same functionality.

As a guide, you are provided the `demowidgets.cpp` source file created in class. But of course, you should create your own plus the other necessary source files, including `.h` and `.ui` files.

## What to turn in

Submit a zip file named after yourself, such as `JohnDoe.zip`. The zip file should include:

- Your `.cpp`, `.h`, and `.ui` source files.
- A screen shot of the designer tool showing the layout of your app's components.
- A screen shot of your app's GUI display while it is running.

## Rubric

Your submission will be graded according to these criteria:

Criteria	Max points
• Source files	• 40
• Screen shot of designer tool showing component layout.	• 30
• Screen shot of app's GUI display while it is running.	• 30