Grade Calculator: PIC 10C Assignment 2

Project description

The purpose of this project is to us Qt to make a grade calculator with a user interface. For a full description, please see http://pic.ucla.edu/~rsalazar/pic10c/assignments/hw2/.

Notes

1   Branching

The PIC10C_Assignment2 confusingly has six branches (sorry)… Below is come clarification of what each of them does

(1)   **trial1**: This is my first attempt at the assignment. For some reason I thought that I would need to get all the information from the user, write it to file, then read from it to calculate. I eventually scraped this idea.

(2)   **experimental**: This is the testing branch for **trial1**

(3)   **QLineEdit_tutorial**: I found a really good YouTube tutorial, so I made this branch so I can follow along without interfering with my assignment

(4)   **QFile_tutorial**: Same as (3)

(5)   **XCode**: So I realized that instead of writing to file, I can just write some classes. I started this branch so I can start an Xcode project and wrote console-output code that I can then modify in Qt. The Xcode project does compile and runs without error.

(6)   **trial2**: My second attempt at the assignment

2   An unfortunate confession

So, you might ask, how did a simple assignment turn out to be so complicated? Well, you see… I have just very belatedly realized that I had read the instructions wrong and thought that the user has to be able to customize courses and grading schemes and all that, hence all the complications. I think we may have to start a seventh branch… X_X

3   third_time_is_the_charm

Annnnnnnnd here is the new branch that is my third attempt at the assignment. **PLEASE GRADE THIS ONE!** The project name is **Assignment2**. Everything seems to be working! Hooray!!

*Note: When I first tested the program, I put 100% in all of the slots but Scheme 2 turned out to be 99 instead of 100. I spent quite a bit of time debugging, but <u>it turns out that the second grading scheme only adds up to 99%!</u> Tricky!