Object Oriented Programming

Task Demonstration Requirements

Showing off what you've made is an important part of learning programming. This applies to all kinds of tasks, not just D and HD custom programs!

Throughout the semester we will look at the code you submit on Doubtfire for all tasks, but there are some key tasks that we also want to see running. These are tasks which we will ask you to **demonstrate**, and they won't be signed off as complete until they have been successfully demonstrated to your tutor. This isn't a test! We just want to make sure everything looks as it should, as it is possible to miss things just reading the code. As with every task, if your demonstration doesn't quite show us what we need to see, your task will simply be placed on the 'resubmit' status and you can try again with no penalty.

The following tasks **must** be demonstrated before they can be signed off as complete:

Pass Tasks:

- 2.2P Drawing Program - Shapes
- 3.1P Drawing Program - Drawing
- 4.1P Drawing Program - Different Shapes

Credit Tasks:

- 5.2C Drawing Program - Saving
- 6.1C Case Study - Iterations 5 and 6

Distinction Tasks:

- 5.3D Drawing Program - Flexible Saving
- 7.3D Case Study - Iterations 7 and 8
- 9.1D Case Study - Take, GUI and DLL

Your tutor might ask you to demonstrate other tasks as well, so make sure you check Doubtfire regularly.

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How to Demonstrate Tasks

You have two options for demonstrating tasks: real time, and pre-recorded.

Option 1: Demonstrating Tasks in Real Time

1. Submit your task on Doubtfire as 'Ready for Feedback'

2. Attend your tutorial class, or see your tutor at the help desk

3. Have your code open and ready to run

4. Indicate to your tutor that would like to speak to them

5. When your tutor is available, run the code and show them the key functionality

   - Use common sense when choosing what to demonstrate. Stick to the key functionality of the task, and don't worry about showing off what was implemented in previous tasks. If your tutor needs to see more they will ask!

6. If everything looks good, your tutor will sign your task off as complete

Option 2: Pre-Recording Task Demonstrations

1. Make sure you have software which allows you to record your screen

   - For **Windows** operating systems you can [record your screen using FreeCam](#)

   - For **Mac** operating systems you can [record your screen using QuickTime Player](#)

2. Have your code open and ready to run

3. Run your code and record what it is doing with your screen recording software

   - Make sure you show off **all** the key features. If your tutor can't see that everything is working you will be asked to resubmit the task.

> **Note**: You do not need to be fancy! A basic un-edited recording with no sound is fine.

4. Save the recording

5. Upload the recording to a shareable location (e.g., YouTube, Google Drive, Dropbox)

6. Submit your task on Doubtfire as 'Ready for Feedback'

7. Add a comment to the task submission indicating where the tutor can access your demonstration video

8. If everything looks good, your tutor will sign your task off as complete