

COMP 1406: Assignment 1

Submission instructions

- Part 1 and Part 2 will be due one week apart.
 - Put all of your **written answers in a PDF**. Here are some options for how to create a PDF:
 - You can save a PDF directly from Microsoft Word (instructions [here](#)) and Google Docs.
 - On a Mac, you can save anything as a PDF from the print dialog (instructions [here](#)).
 - Put your work for **each coding question into a separate Qt Creator project**, naming the project according to the question (e.g. Question1).
 - Be sure to choose a Plain C++ project type. It can be a qmake or a cmake project.
 - When submitting, ~~include all files and folders Qt Creator makes for you~~ include only the source folder.
 - **Create a zip file of all your files and folders:**
 - On Windows, select the files you want to include, right click, choose “Send to...” then “Compressed (zipped) folder”
 - On a Mac, select the files you want to include, right click, and choose “Compress X Items”
 - Name your zip file **FirstnameLastname_Assignment1a.zip** (or Assignment1b for the next one)
 - Failure to follow submission instructions **can result in a loss of up 2 marks**.
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Assignment 1a: Due September 19

Total marks: 25

Question 1 (4 marks)

Choose two of the general problem solving strategies covered in the first class. For each one, describe a time you failed to use the strategy when working on a programming problem and what the consequence was **[2 marks each]**.

Question 2 (6 marks)

Write out the steps of a plan you might use to solve the problem in Question 7 (Part 1b)

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