

COSC1519 Introduction To Programming

Practical 5

3 marks

It is your responsibility to show your answers to your instructors before the end of class.

This tutorial is an investigative learning exercise which you must complete during the first hour of the session and submit via Canvas→Assignments→Practical 5. During the second hour, please go to your instructors and show your work and they will mark you. As there are many students and the class time is limited, you must ensure that your work is clear and ready to be examined. You can only demonstrate your work in the allocated practical. If you have further questions, please ask via the discussion forums on Canvas or via consultation.

Write all of your answers in a single plain text file and submit it before you go to do your demo. Have your answers clearly showing on screen by the time you go to do your demo.

1. Use headphones and listen to the first 10 minutes or so of following lecture (from a previous semester) where a program is created to keep track of money spent on coffee: <https://youtu.be/pxpbql1uZLQ> (note: please do not share this video).

Between minutes 0-10, it shows how to create an array of an arbitrary size, as specified by the end-user.

Explain how you can adapt the above concept to your assignment 1 code. What assignment requirements will you meet by doing so? Remember to explain how your code will be different to what's shown. It is the quality of your explanation that matters and not the number of words. You will not get any marks for segments of code that you include in your explanation.

2. Between minutes 10-15 (approximately), the above video explains how to take values as inputs in to array.

[Hint: You can speed up the playback]

Explain how you can adapt the above concept to your assignment 1 code. What assignment requirements will you meet by doing so? Remember to explain how your code will be different to what's shown. It is the quality of your explanation that matters and not the number of words. You will not get any marks for segments of code that you include in your explanation.

3. Between minutes 39-44 (approximately), the above video explains how to search for values inside the array.

Explain how you can adapt the above concept to your assignment 1 code. What assignment requirements will you meet by doing so? Remember to explain how your code will be different to what's shown. It is the quality of your explanation that matters and not the number of words. You will not get any marks for segments of code that you include in your explanation.