Cheat Sheets and Resources:

- [C++ Cheat Sheet](#)
- [Visual Studio 2022 Keyboard Shortcuts](#)
- [C++ Debugging Tools Within Visual Studio 2022](#)

Report:

Cheat Sheets

- Acquired C++ Cheat Sheet from GFG, have used that site many a time and generally found it very good.
- Visual Studio shortcut list acquired from official documentation. Best place the most accurate information.
- Linked documentation for the built in debugger in VS2022. Chat GPT, while not brilliant, is also sometimes useful for debugging and finding issues in smaller segments of code.

Programming Task

- Created very basic main function that runs through each of the individual tasks and outputs them to console.
- Created function that adds together parameters (Hard coded as 5 and 6 in main).
- Created function that alters parameter by adding parameter to itself, then passing back parameter for output.
- Created function that loops through numbers 1 to 20, incrementing by 2 each time, thus skipping even numbers. Prints numbers to console.
- Created a function that assigns a random number to each element of a size 5 array, then prints each element. Random numbers generated with rand, using time as a seed to ensure new random numbers each time.
- Created function that splits string based on whitespace delimiter. Function loops through string while a whitespace is present, finds the substring prior to the first instance of the delimiter, outputs substring, then removes it from the base string.
- Created class that takes in 2 integers upon instantiation, then is able to add the 2 numbers using a member function.

Commit History

			Properly implemented gitignore. Added task 2 files.	9 Aug 2023 14:57
			Added new gitignore. Added report for task 2.	9 Aug 2023 14:54
			Finalised report	2 Aug 2023 14:51
			Added T1 report	2 Aug 2023 14:44
			Altered README.md	2 Aug 2023 14:42
			Initial commit. Added file structure skeleton	2 Aug 2023 14:29
			Initial commit	2 Aug 2023 14:20