Cheat Sheets and Resources:

* [C++ Cheat Sheet](https://www.geeksforgeeks.org/cpp-cheatsheet/)
* [Visual Studio 2022 Keyboard Shortcuts](https://learn.microsoft.com/en-us/visualstudio/ide/default-keyboard-shortcuts-in-visual-studio?view=vs-2022)
* [C++ Debugging Tools Within Visual Studio 2022](https://learn.microsoft.com/en-us/visualstudio/debugger/getting-started-with-the-debugger-cpp?view=vs-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

