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**How to Run Code:**

To run the code (I programed this using Visual Studio 2022), you need to ensure that there is a data file in the source file section in Visual Studio. Then input the file name with the extension at the end (.txt) and then input the number given before the option that you would like to select. For example, if you would like to find an integer in the array, you would enter the number 1 without any spaces. Then follow the questions that pop up on the screen and the menu will come up again and the process repeats.

**![A screenshot of a computer screen

Description automatically generated with low confidence]()![A screenshot of a computer program

Description automatically generated with medium confidence]()Output:** (The bottom part of the left screenshot with the 102 and the top part of the right screenshot is repeated to show continuity)