**Weather Observation Retriever**

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**Description:**

The program offers the user a list of weather stations from which he/she can choose from. It then takes the user input to go to that station and collect the weather data and outputs the data to readable form. If the user opens the application and doesn’t select a station, we incorporated a timer of 60 seconds that will time out the application and close it.

**Build Process:**

* Created a menu for the user to choose what station they would like to receive information from.
* We created a method socket\_connect(char \*host, char \*port, char \*header) that takes user input, gets the host information, makes socket and connects it.
* Created a file to store information.
* Built a loop to loop through info to find Station tags.
* Built loops to go through tags to gather desirable information.
* Printed information in string format.

A close up of text on a white background

Description automatically generated

**Known Errors:**

* When entering a character for the station it will accept multiple