Objectives:

To practice planning, defining, calling functions, using file I/O, practice using Python sequence, decision, and repetition statements.

Description:

For this project, you will read data concerning golfers and their scores from a text file, average the individual golfers score and

Assignment:

1. Appropriately document your code.
2. No global variables may be used. All data must be passed between functions thru parameters or returned.
3. Read the data located in file “golf.txt” and process each line. Remove all unwanted characters like the newline and quotes.
4. Average the four scores and print it according to the sample output. Align accordingly.

![Graphical user interface, text

Description automatically generated]()

1. Function requirements:
   1. main() – contains the main logic and calls three functions.
   2. displayHeader() – called to display the column titles and line under them.
   3. getFileName() – asks the user for a filename and returns that name to the calling statement.
   4. openReadFile() – receives the filename as a parameter and processes one line at a time from the file and calls the displayData() function for formatted printing. These means displayData() will be called numerous times.
   5. displayData() - receives two parameters, the golfers name and average, then prints them as formatted output.
2. Here is a VTOC of the functions.

![Diagram

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