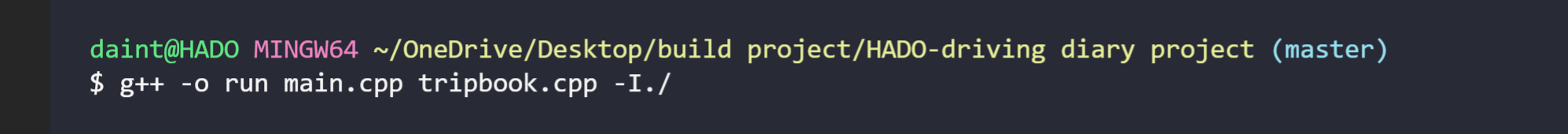
Keeping A Driving Diary – User Manual

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1. Run the program on Gitbash/Powershell or any environment:

\_ Use the command in make\_and\_run.sh to compile and run the program



g++ -o run main.cpp tripbook.cpp -I./ (This command to compile).

./run (To run the project after complie)

1. Menu selection:

0. Exit

1. Initialize (clear all trip information)

2. Save to file (trips\_out.txt)

3. Read from file (trips\_in.txt)

4. Add new trip

5. Remove last trip

6. Remove trip by start name

7. Report a list of trips

8. Report all trips

9. Calculate average fuel consumption

10. ->NEXT

**Initialize (clear all trip information)**

* This option will clear all the trip in the record.

**Save to file (trips\_out.txt)**

* This option will be used to save the record into default file is trips\_out.txt after adding new trips in option 4

Once data added by option 4, the user can calculate average fuel consumption by choosing option 9.

Choosing option 8 to print all trips after choosing option 3 to read data from the file(trips\_in.txt).

A screenshot of a computer

Description automatically generated with medium confidence

In trips\_in.txt will contain 7 parameters are representative for start name, start time, start odometer, stop name, stop time, stop odometer, and amount of fuel. The user only need to put the information in order in a line and it will automatically print out into the appropriate column on the screen after choosing reading file (option 3) and report all trips (option 8), respectively.

Option 10 just to show project information.

In the project, the MainMenu used make\_shared for more convenience auto list create and save time to edit the order in normal way when using While Loop Choice.