Word Count Exercises

# Introduction

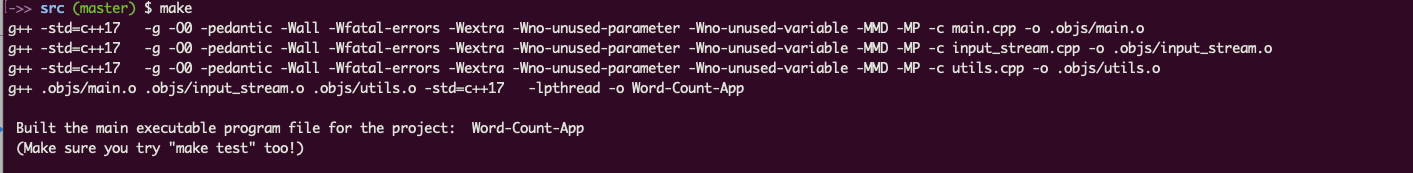
Application outputs word count for input strings. For full details please see Wordcount.pdf in this folder.

# How to Build / Run Info:

Cd 1. To build application (on command prompt / terminal )

-> cd Word-Count-App/Word-Count-App/src

-> make



# 2. To run application (on command prompt / terminal ) with default arguments

A screenshot of a cell phone

Description automatically generated

For complete output log, please see file default\_output\_log.txt in src folder

# 3. To run application (on command prompt / terminal ) with optional arguments

* ./Word-Count-App <optional-argv1> < optional-argv2>
* optional-argv1 – can take two values **ex1** or **ex2**
* optional-argv2 – input string for either ex1 or ex2

Example:

* ./Word-Count-App ex1 "boy is running around and around"

A close up of a logo

Description automatically generated

* ./Word-Count-App ex2 "Snape loves Potter but Potter is unaware"

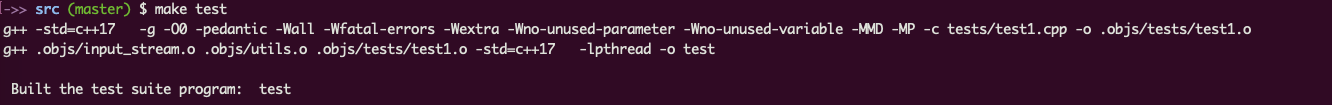
A screenshot of a cell phone

Description automatically generated

# 3. To build Unit Test (uses Catch2) (on command prompt / terminal )

-> cd Word-Count-App/Word-Count-App/src

-> make test



# 4. To run Unit test ( on command prompt / terminal )

-> ./test

A screenshot of a cell phone

Description automatically generated

# Some Notes

=> g++ compiler with C++17 is used.

=> All source code with makefile in the src folder.

=> All testing code including the catch2 test header in the src/tests folder.