

**CMP SCI 4500****SG3 – Group 2**

Tyler Bell

Cynthia Brown

Zack Hill

Ethan Hillebrand

Amanda Hoosech

**User Guide**

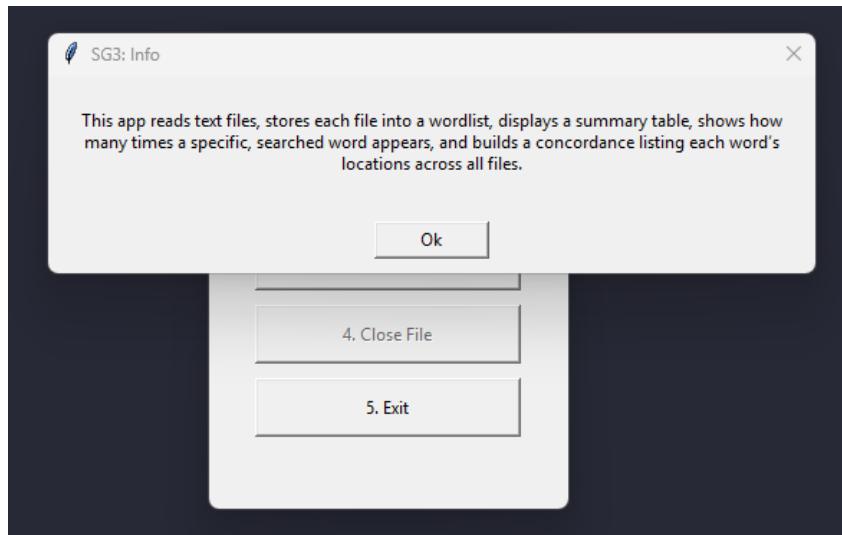
**Date of First Design:** 12/10/2025

**No Major Revisions**

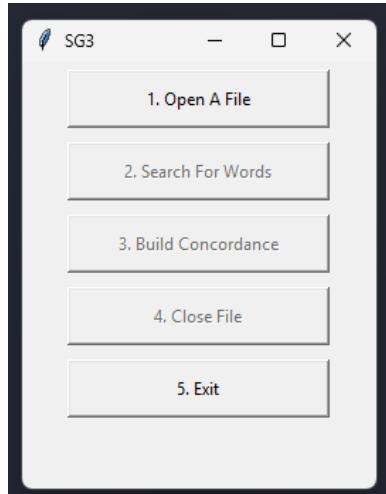
**Table of Contents**

Walkthrough.....	3
Main Menu.....	3
1. Open A File.....	4
2. Search For Words.....	5
3. Build Concordance.....	7
4. Close File.....	8
5. Exit.....	10

## Main Menu Overview

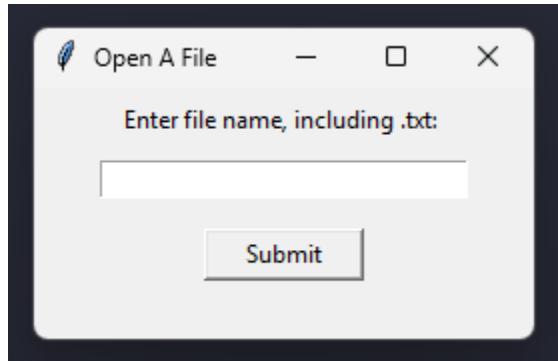


- On open, the application will greet you with an info window and the main menu.  
**NOTE:** You will not be able to use the menu options until you click “Ok” on the opening info window.

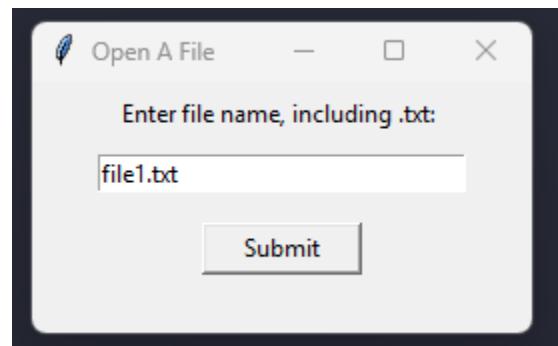


- The main menu has 5 options:
    - o 1. Open A File: This option allows you to open a .txt file for the program to use
    - o 2. Search For Words: This option allows you to search for words in opened files
    - o 3. Build Concordance: Build a concordance list for opened files
    - o 4. Close File: Close a file you've opened
    - o 5. Exit: Close the program
- NOTE:** Options 2-4 will not be usable until you've opened at least one file with option 1

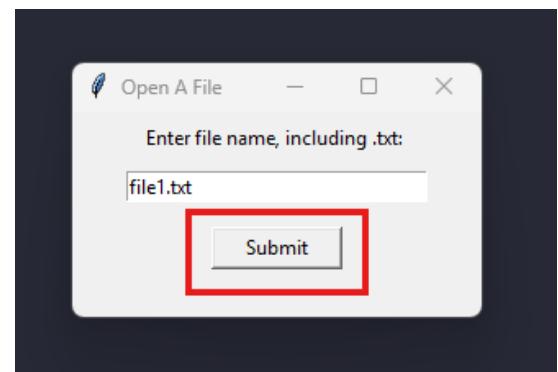
**1. Open A File:** Opens a file for use in search and concordance building functions



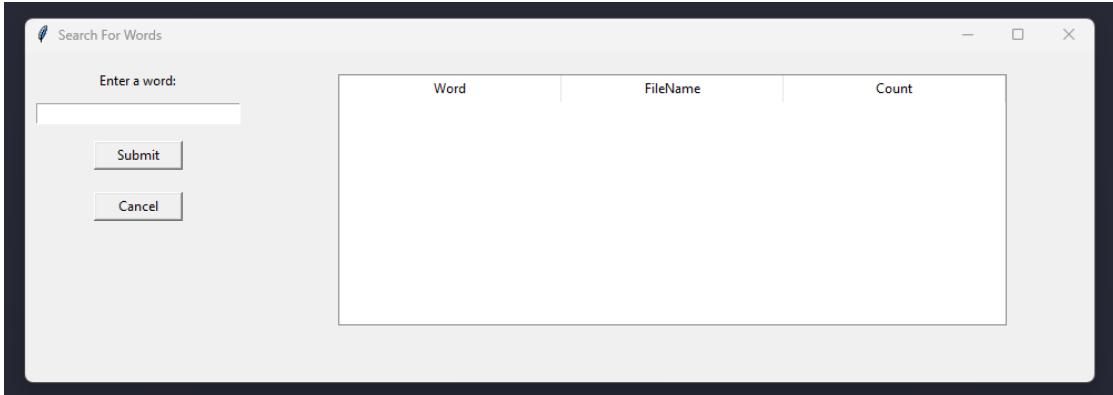
- On selecting “1. Open A File” on the main menu, a new window will appear, as shown above



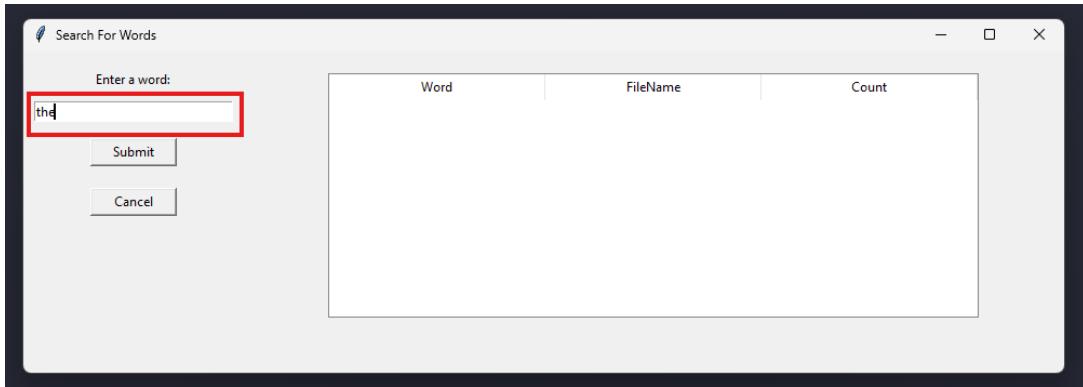
- Type the file name you want to open into the text field, including the file extension (.txt)



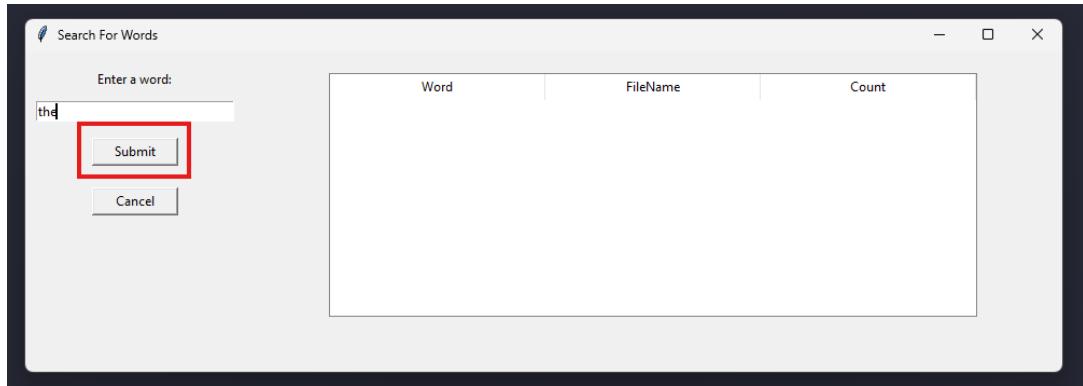
- Once you have put a file name into the text field, click the “Submit” button to open the specified file
  - o A pop-up message will appear, letting you know if your file was opened or if an issue occurred (file not found, already opened, etc.)
    - Close this window by clicking “Ok”; you can continue opening files from here, or close out of the window by using the “X” button in the top right-hand corner of the window

**2. Search For Words:** Search for words appearing in all text files opened

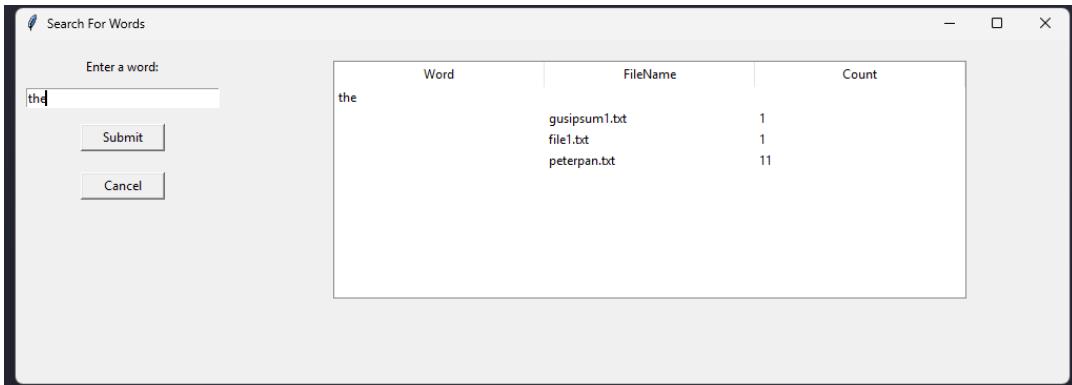
- On selecting “2. Search For Words” on the main menu, a new window will appear, as shown above



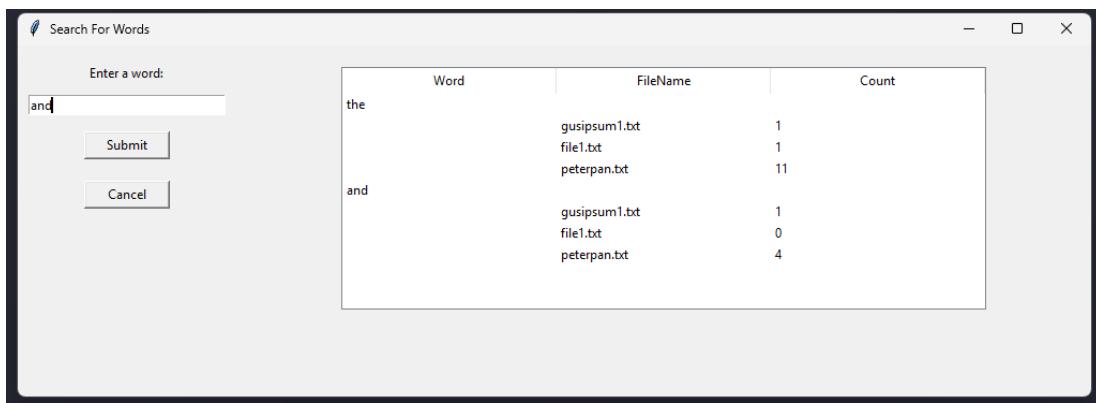
- Type the word you want to search for in the text box



- Once you have typed in a word, click the “Submit” button to search for the specified word
  - o Alternatively, if you choose to not search for a word, you can click the “Cancel” button below the “Submit” button to close the window without searching



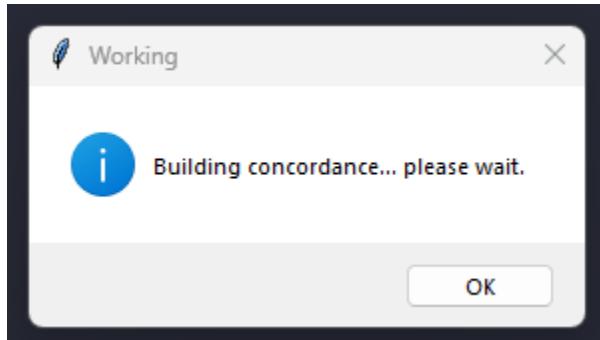
- The tree to the right of the search box and buttons displays the word searched, what files it appears in, and how many times it was found in each of the files



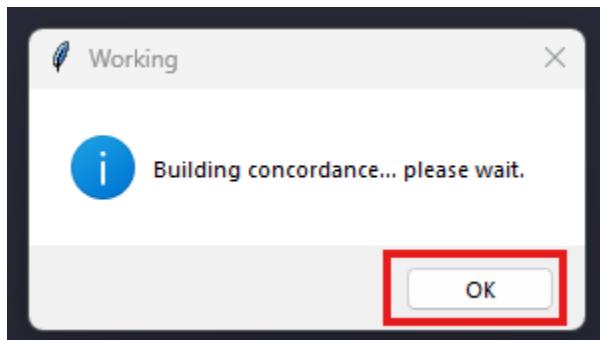
- You can continue to search for words by a new word in the text box, replacing it with a new word, and clicking "Submit"

**NOTE:** You cannot search for the same word twice

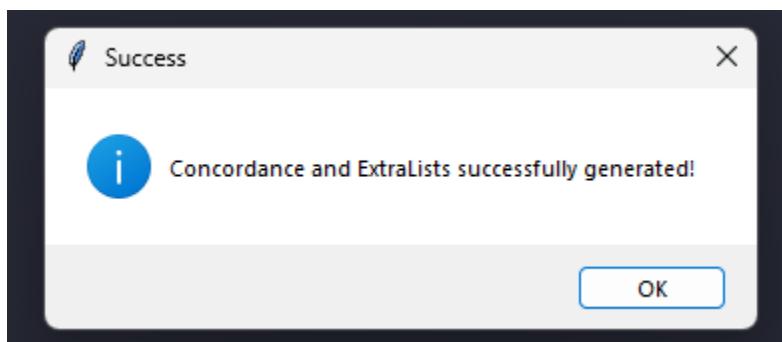
**3. Build Concordance:** Create Concordance.txt and ExtraLists.txt based on opened files



- On selecting “3. Build Concordance” on the main menu, a pop-up message will appear, as shown above

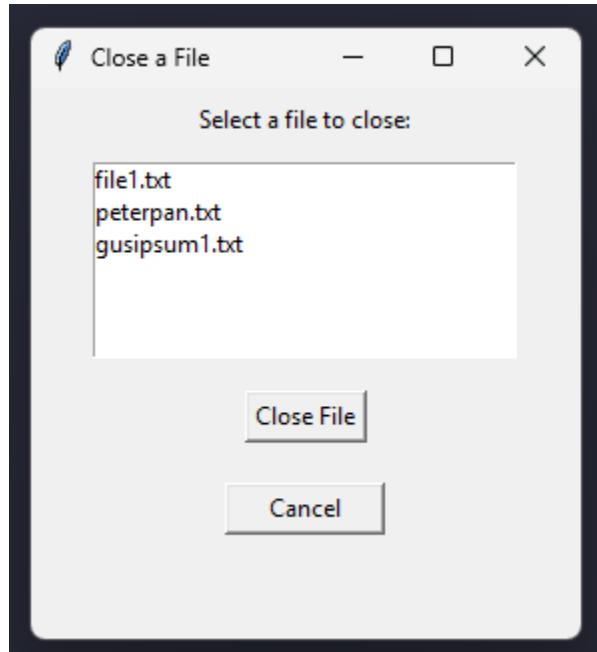


- Once the “Ok” button is pressed, a concordance and extra lists will be built based on the files you have opened

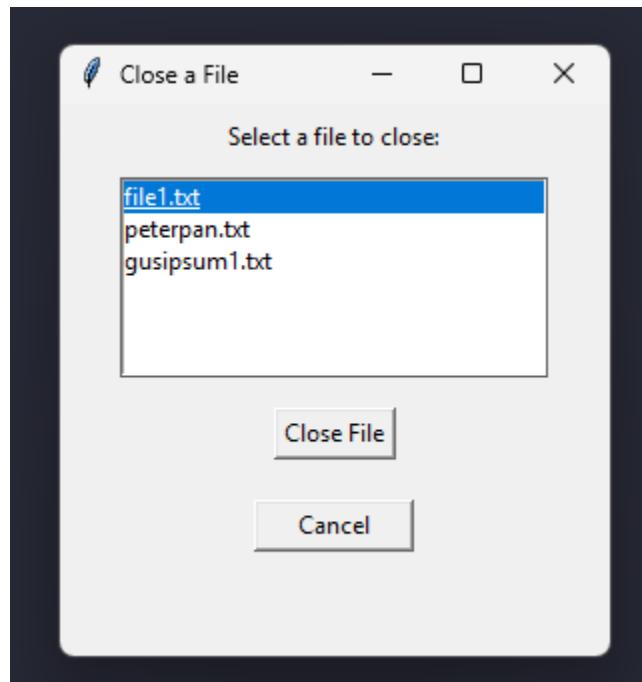


- After the application has completed building those files, another pop-up message will appear, letting you know that the process is complete
  - o Once complete, the Concordance.txt and ExtraLists.txt files can be found in the same directory as this script

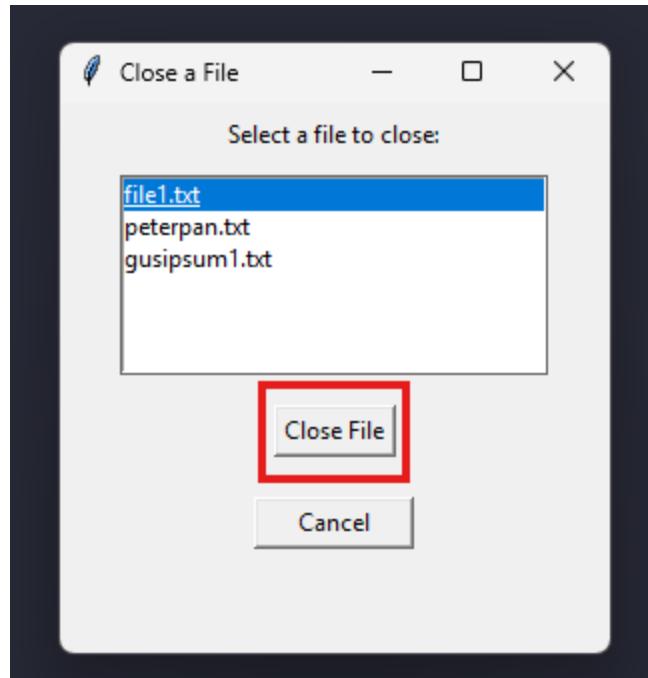
**4. Close File:** Close a file, removing it from use in the application



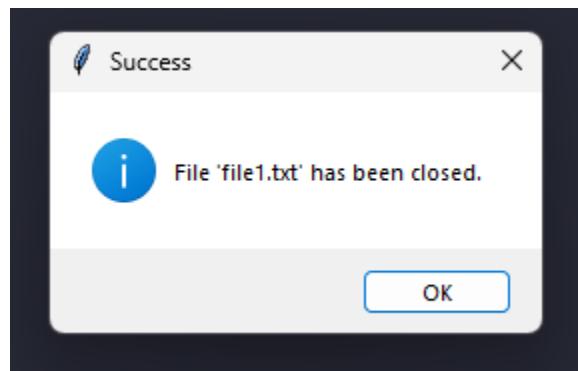
- On selecting “4. Close File” on the main menu, a new window listing all opened files will appear, as shown above.



- Select the file you wish to close by clicking on the file name



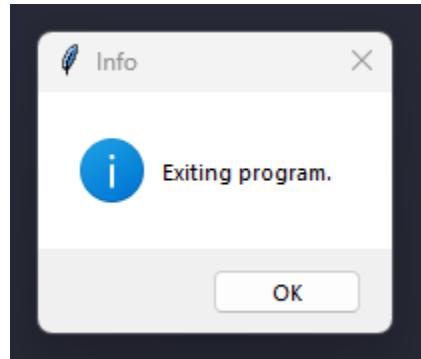
- Once you've selected the file to close, click the "Close File" button
  - o Alternatively, if you decide not to close a file, you can click the "Cancel" button below the "Close File" button to close the window instead



- After closing a file, a pop-up message will appear, letting you know that the selected file has been closed.
  - o Once you click the "Ok" button on the information pop-up, both the pop-up message and Close File window will close

**NOTE:** Once all files have been closed, Options 2-4 on the main menu will grey out and become unusable; to re-enable these options, you will need to add another text file using "1. Open A File"

**5. Exit:** Close the program



- On selecting “5. Exit” from the main menu, a pop-up window will appear letting you know the program is ending, as shown above
  - o Once you click the “OK” button on the information pop-up, the pop-up message and the main menu window will both close, and the program will stop running