Screenshot Key (Working top left to bottom)

SS #1: Shows inbox

SS #2: Show email by ID

SS #3: Sorts inbox by sender then prints inbox

SS #4: Resorts inbox by ID then prints Inbox

SS #5: Shows Inbox search by keyword

SS #6: Deletes two emails then redisplays inbox with adjusted

inbox count

SS #7: Try's to delete the same email twice

Known Limitations

- -When inputting a character into menu, code will infinitely loop
 -Inputting character when inputting ID for 'show Email by ID' will
 - -Inputting character when inputting ID for 'show Email by ID' will also cause infinite loop

Valgrind Run

```
******
                 brashearjo@vcu.edu INBOX **********
******
                 Total Inbox: 0009
                                    ******
1. Show Inbox
2. Show Email by ID
3. Sort Inbox by Sender
4. Sort inbox by ID
5. Search Inbox by Keyword
6. Delete
7. Exit
Exiting e-mail client - Good Bye!
==6835==
==6835== HEAP SUMMARY:
            in use at exit: 0 bytes in 0 blocks
==6835== total heap usage: 2 allocs, 2 frees, 4,632,016 bytes allocated
==6835==
==6835== All heap blocks were freed -- no leaks are possible
==6835==
==6835== For lists of detected and suppressed errors, rerun with: -s
==6835== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 0 from 0)
```