**Test run**

Nathan@LAPTOP-1DGPGRJ0:/mnt/c/Users/Nathan/Documents/Winter 2018/cis452/Projects/Project2$ ls

anthem.txt Design Document.docx frank.txt ga.txt gull.txt ham.txt huck.txt jungle.txt moby.txt pride.txt sid.txt text\_analysis.c text\_analysis\_final.c

Nathan@LAPTOP-1DGPGRJ0:/mnt/c/Users/Nathan/Documents/Winter 2018/cis452/Projects/Project2$ gcc -Wall text\_analysis\_final.c -o test

Nathan@LAPTOP-1DGPGRJ0:/mnt/c/Users/Nathan/Documents/Winter 2018/cis452/Projects/Project2$ ./test

Parent id: 305

Pipe to future children created.

Pipe from future children created.

Enter the files one at a time (max 10) or $$$ to stop entering files.

Enter file 1

anthem.txt

Enter file 2

Child process created with id: 306 and and was given filename: anthem.txt

frank.txt

Enter file 3

Child process created with id: 307 and and was given filename: frank.txt

ga.txt

Enter file 4

Child process created with id: 308 and and was given filename: ga.txt

gull.txt

Enter file 5

Child process created with id: 309 and and was given filename: gull.txt

ham.txt

Enter file 6

Child process created with id: 310 and and was given filename: ham.txt

huck.txt

Enter file 7

Child process created with id: 311 and and was given filename: huck.txt

invalidfile.txt

Enter file 8

Child process created with id: 312 and and was given filename: invalidfile.txt

$$$

Number of children: 7

Enter a keyword:

he

Enter another keyword when ready:

Child 308 recieved keyword he

Child 309 recieved keyword he

Child 307 recieved keyword he

Child 310 recieved keyword he

Child 306 recieved keyword he

Child 311 recieved keyword he

Child 312 recieved keyword he

Child 308 searching file ga.txt for keyword he

Child 309 searching file gull.txt for keyword he

Child 307 searching file frank.txt for keyword he

File "invalidfile.txt" could not be opened by child 312

Child 310 searching file ham.txt for keyword he

Child 306 searching file anthem.txt for keyword he

Child 311 searching file huck.txt for keyword he

Shutting down child 312 and closing its connections to the pipes

Child 306 reading anthem.txt found 12 occurences of "he"

Child 308 reading ga.txt found 0 occurences of "he"

Child 307 reading frank.txt found 446 occurences of "he"

Child 310 reading ham.txt found 149 occurences of "he"

Child 309 reading gull.txt found 632 occurences of "he"

Child 311 reading huck.txt found 1372 occurences of "he"

Total number of occurences of "he" are 2611

it

Child 308 recieved keyword it

Child 307 recieved keyword it

Child 310 recieved keyword it

Child 306 recieved keyword it

Child 311 recieved keyword it

Enter another keyword when ready:

Child 309 recieved keyword it

Child 308 searching file ga.txt for keyword it

Child 307 searching file frank.txt for keyword it

Child 310 searching file ham.txt for keyword it

Child 306 searching file anthem.txt for keyword it

Child 311 searching file huck.txt for keyword it

Child 309 searching file gull.txt for keyword it

Child 308 reading ga.txt found 1 occurences of "it"

Child 306 reading anthem.txt found 180 occurences of "it"

Child 310 reading ham.txt found 266 occurences of "it"

Child 307 reading frank.txt found 362 occurences of "it"

Child 309 reading gull.txt found 629 occurences of "it"

Child 311 reading huck.txt found 1427 occurences of "it"

Total number of occurences of "it" are 2865

^CShutting down child 309 and closing its connections to the pipes

Shutting down child 306 and closing its connections to the pipes

Shutting down child 311 and closing its connections to the pipes

Shutting down child 310 and closing its connections to the pipes

Shutting down child 308 and closing its connections to the pipes

Shutting down parent and its connections to the pipes

Shutting down child 307 and closing its connections to the pipes