404 Group Not Found

Nathan Hamilton

Matthew Hopkins

Forrest Wallace

TEAM

Nate

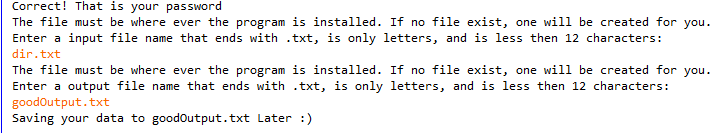
Preston

Colton

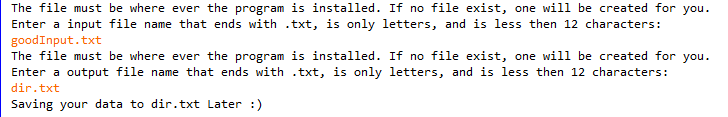
CODE

Java

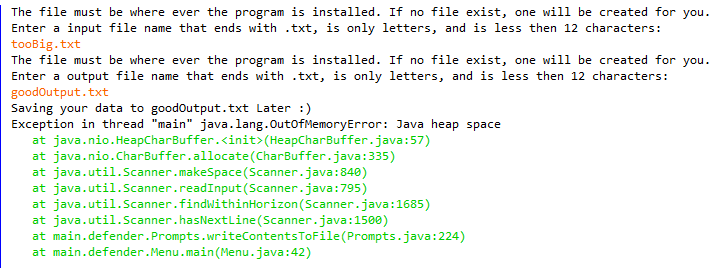
1. Able to specify a directory for input file as long as directory ends with .txt (confirmed)



2. Able to specify a directory for output file as long as drectory ends with .txt (confirmed)



3. 820mb input file crashes the program (confirmed)



CODE

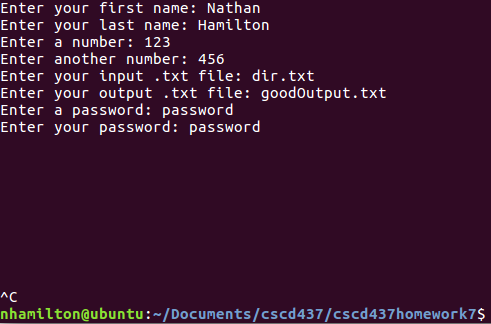
C

4. A non-matching password is accepted (confirmed)

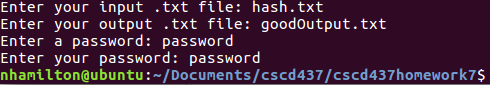


5. Able to specify a directory for input file so long as it ends in .txt (confirmed)

Causes the program to stall at the end

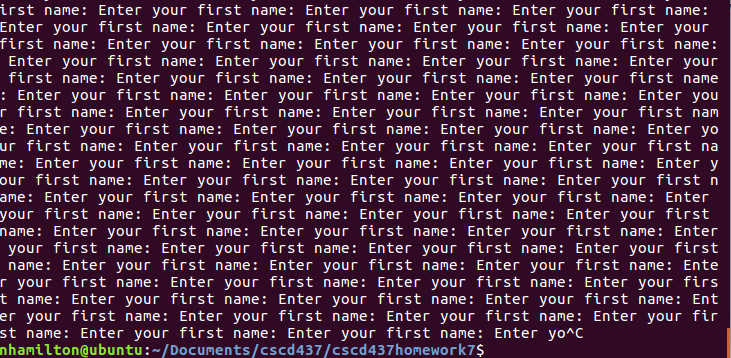


6. Able to specify hash.txt as input file (confirmed)



7. Redirecting an empty file causes an infinite loop (confirmed)

./a.out < emptyInput.txt



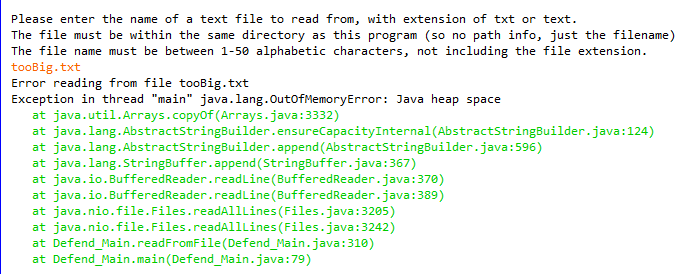
TEAM

Super Stack Smash Bros

CODE

Java

8. 820mb input file crashes the program (confirmed)



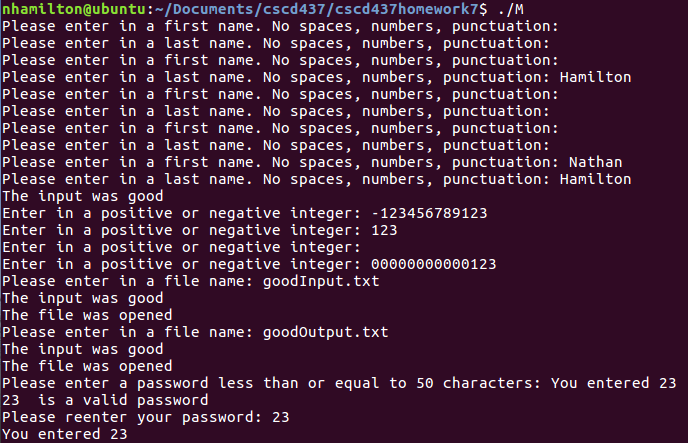
TEAM

Stack Smashers

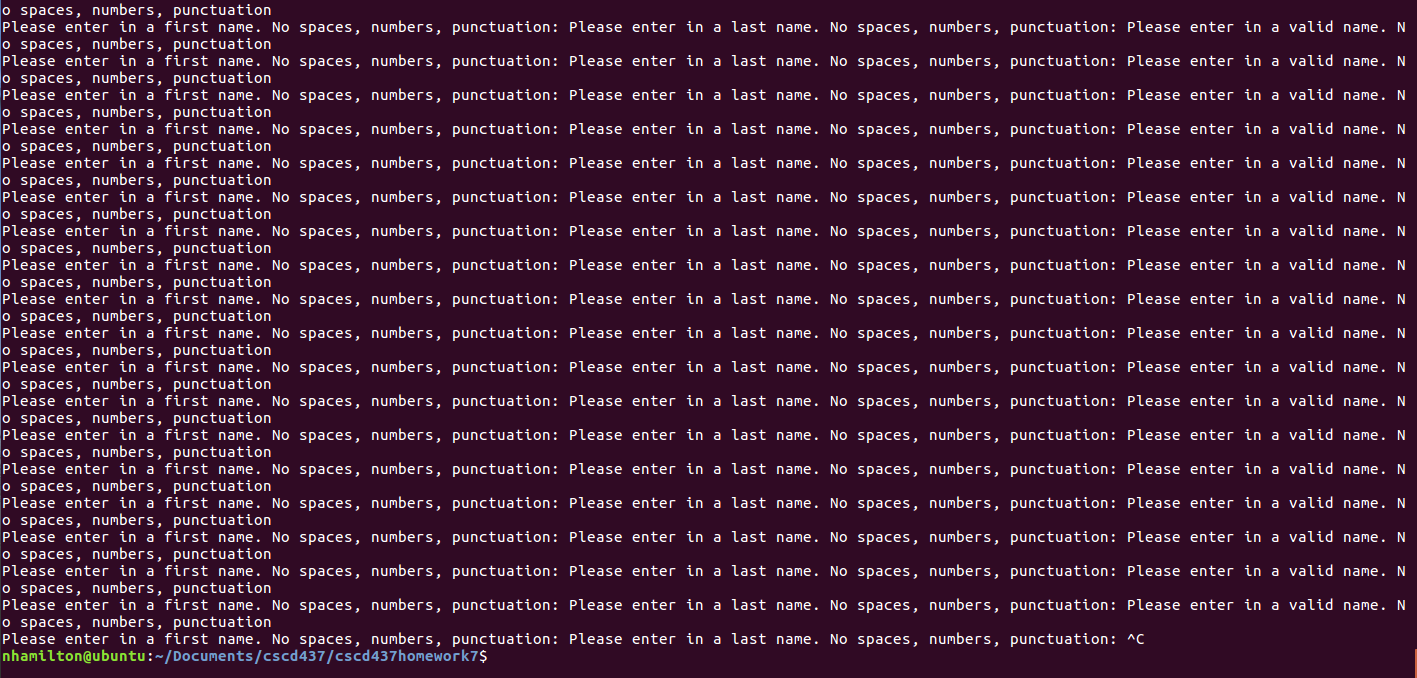
Code

C

9. Due to prior tests with entering nothing but new line in the name and number sections, when coming to the password section, I was unable to enter a password. The program continued as if I had entered 23. I assume this is due to improper handling of new line characters on the input buffer. (confirmed)



10. Redirecting an empty input file causes an infinite loop (confirmed)



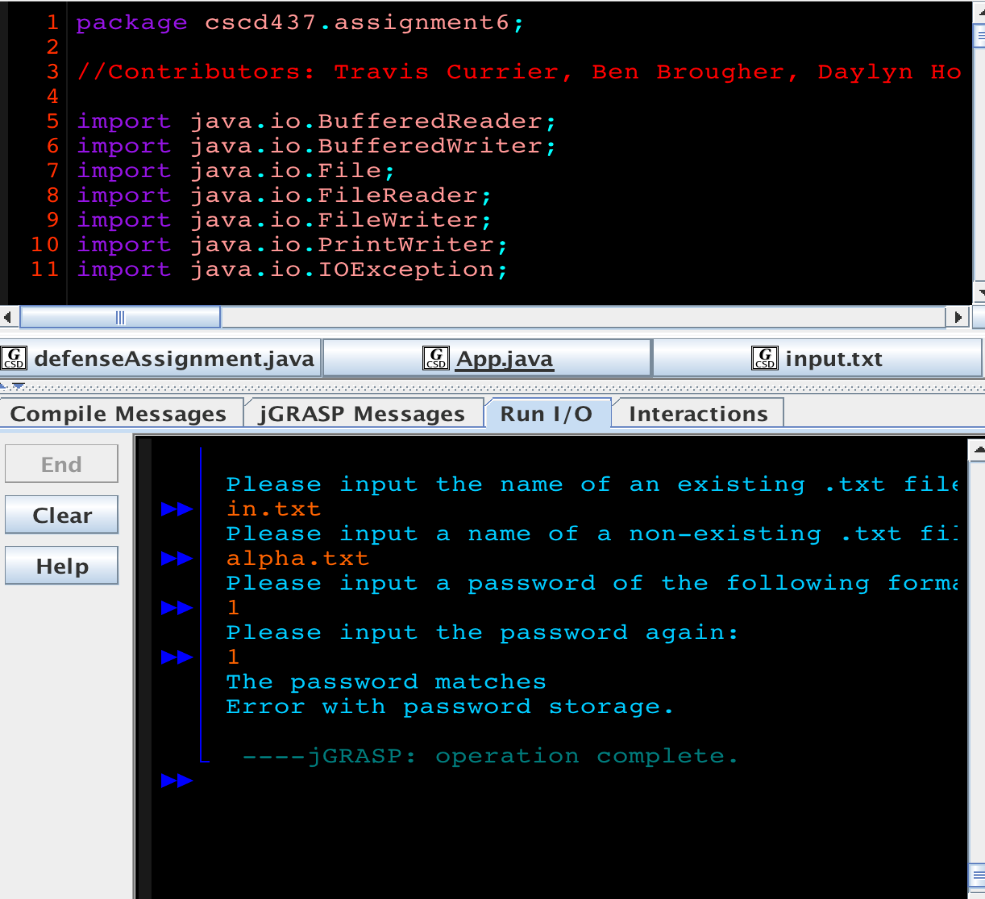
TEAM

Howtoeatfriedworms

CODE

Java

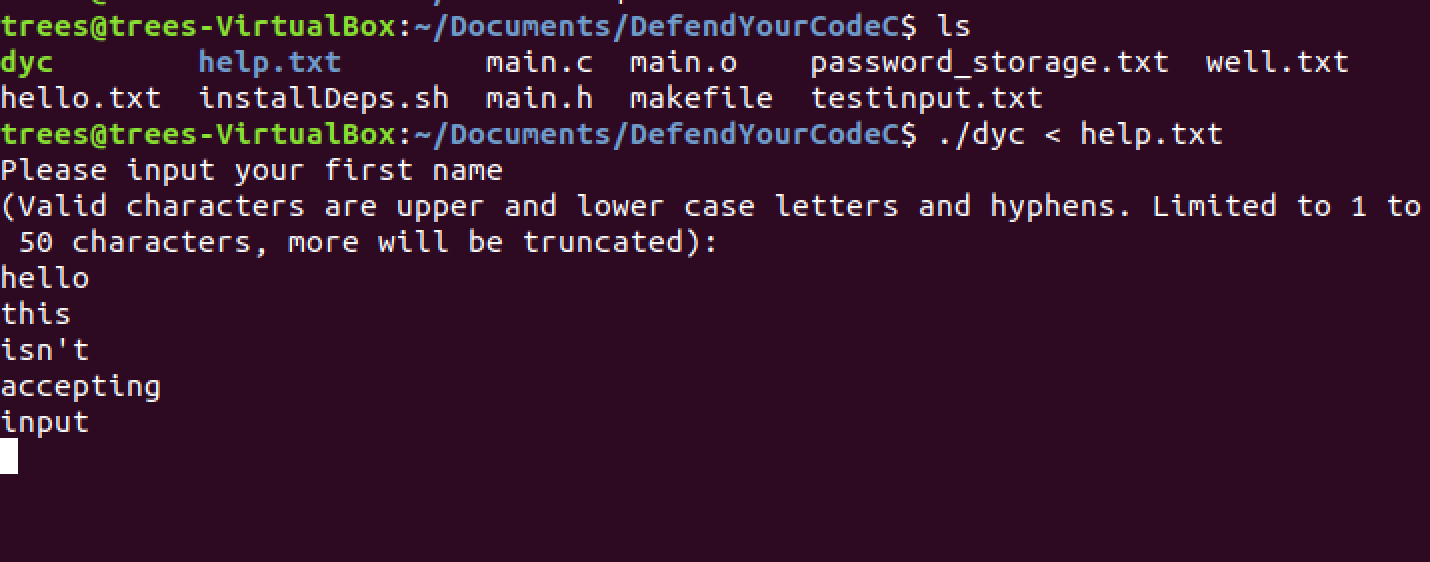
11. Able to specify a directory for input so long as it ends in .txt (confirmed)



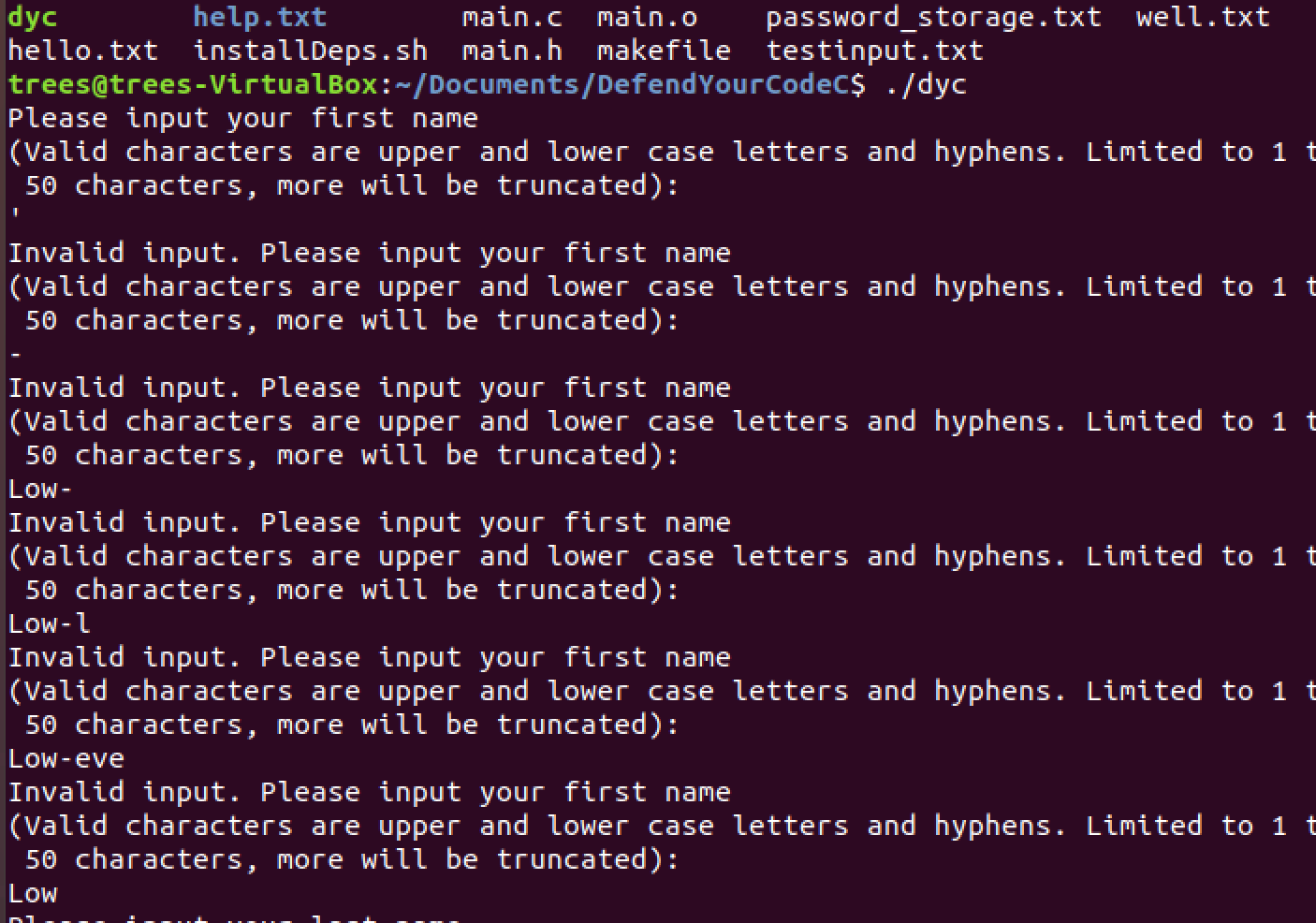
CODE

C

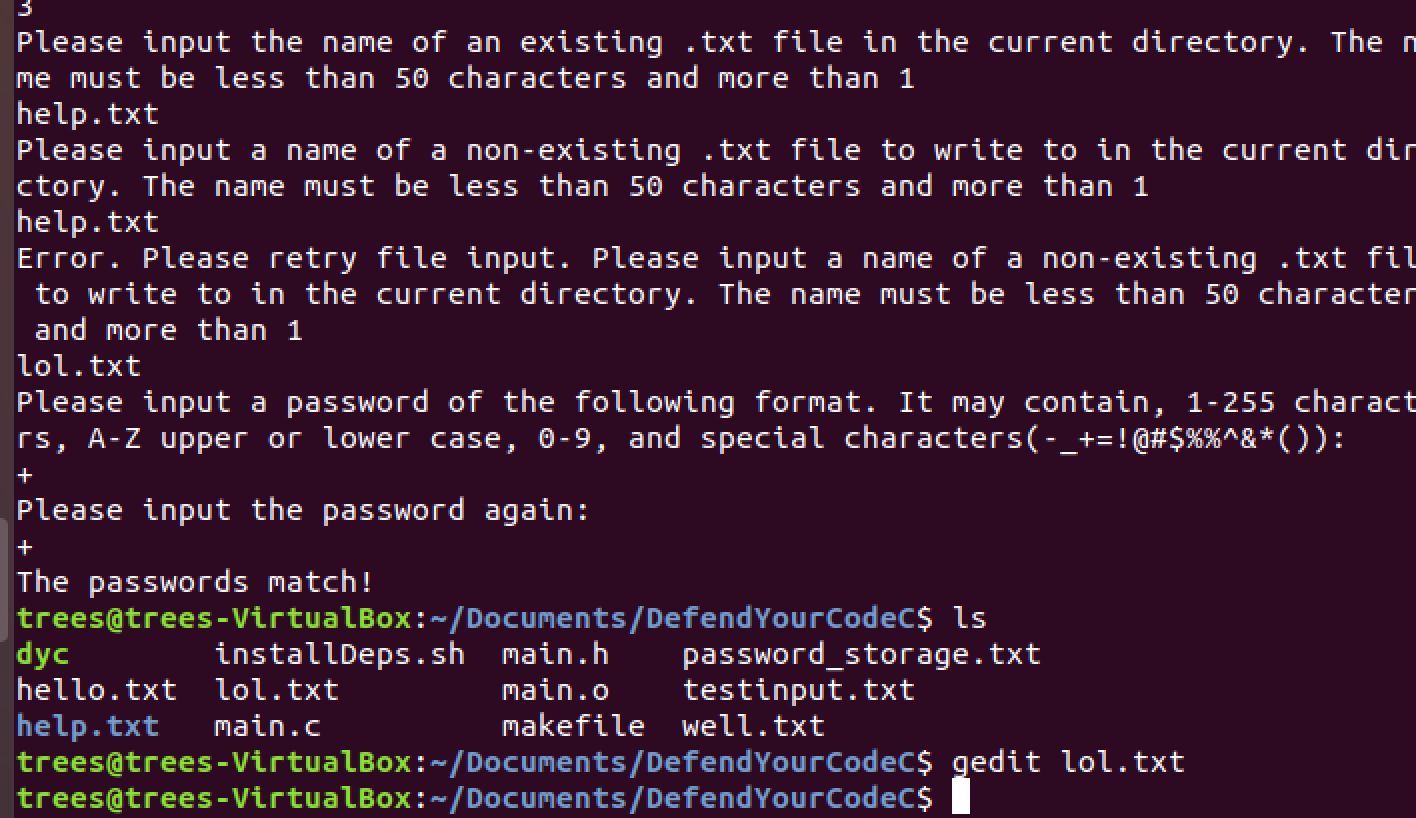
12. Redirecting an empty input file causes the program to not accept any input (confirmed)



13. Hyphens are not accepted in name input, despite specifying they are acceptable (confirmed)



14. Able to specify a directory for input so long as it ends in .txt (confirmed)



TEAM

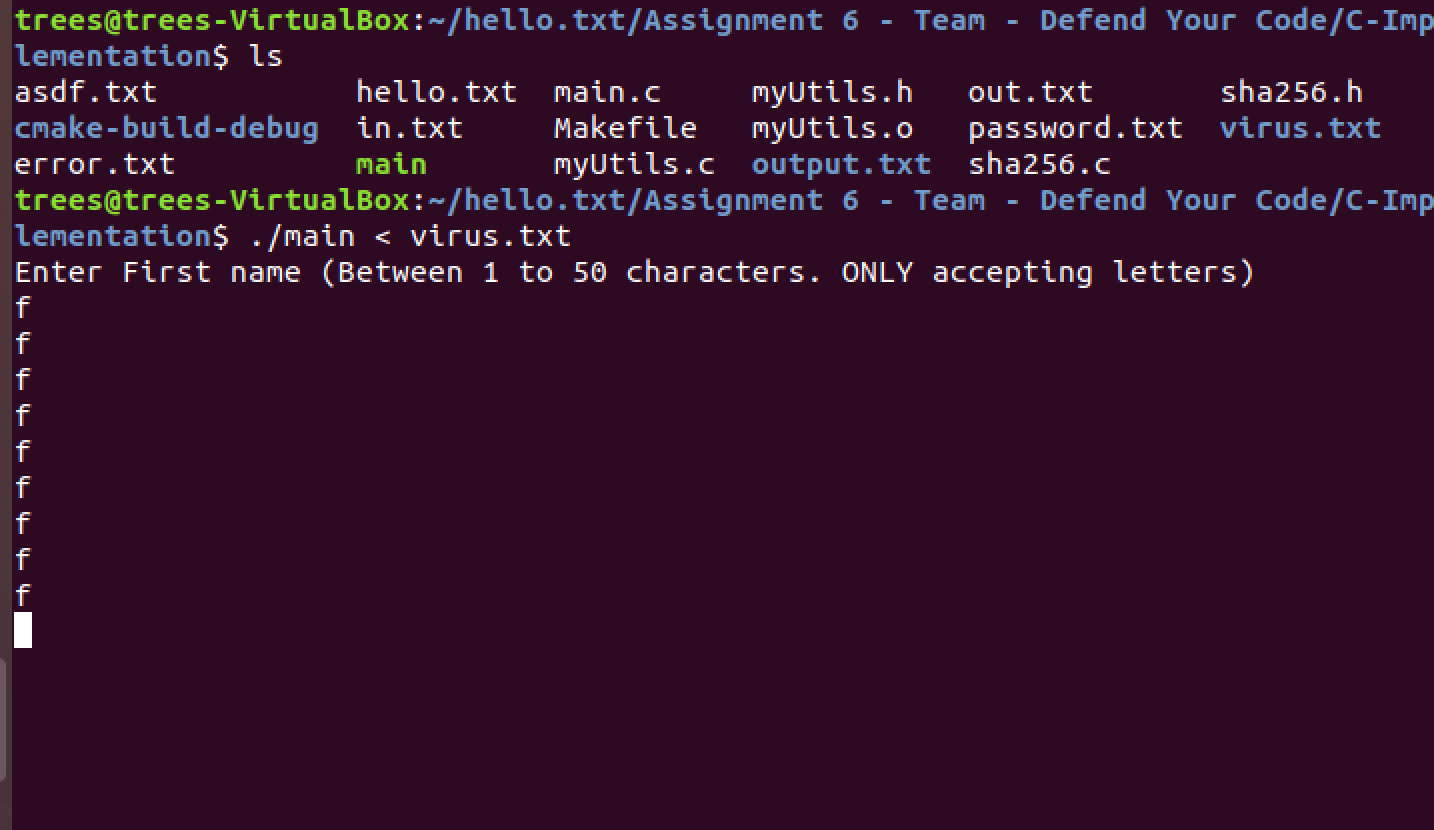
Hung

Matthew

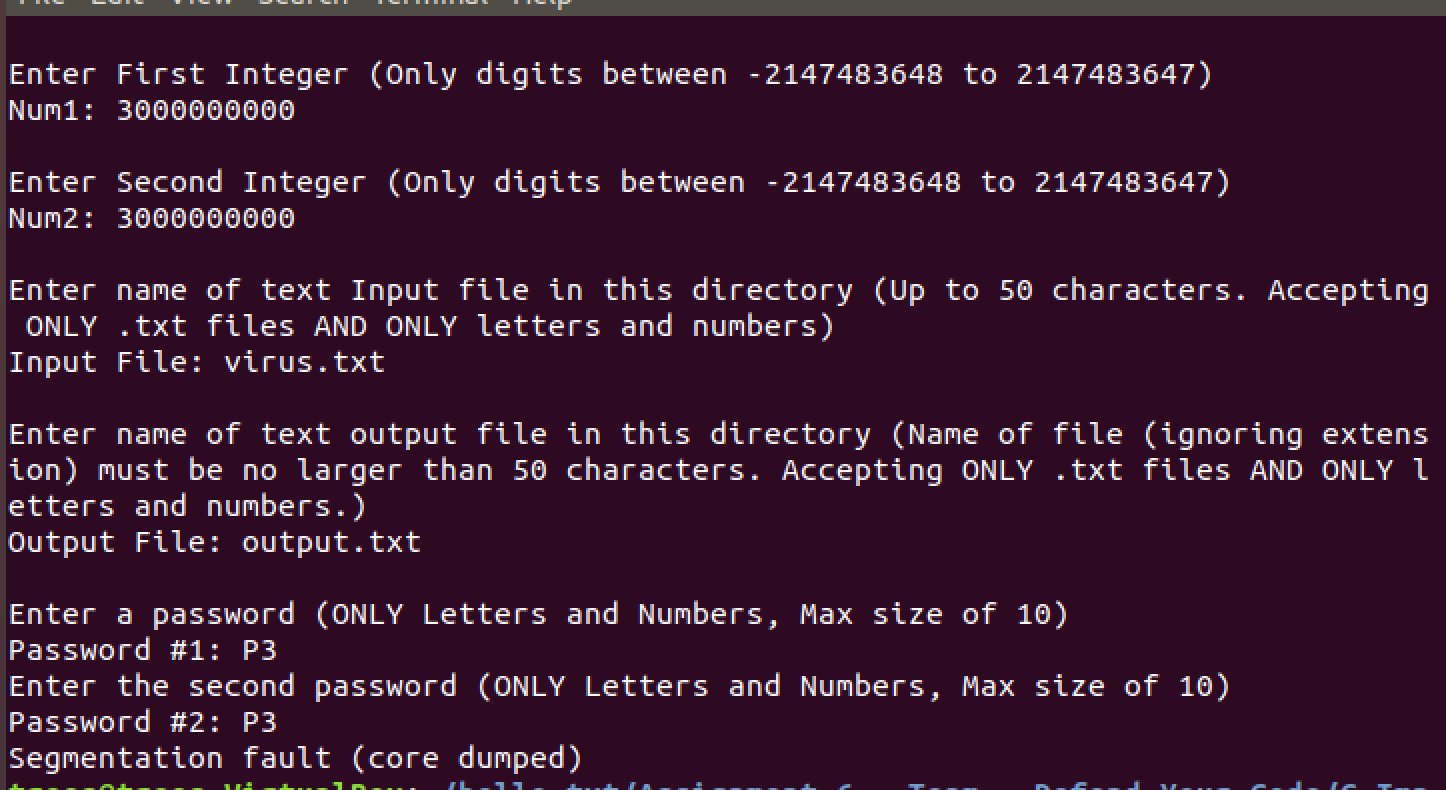
Code

C

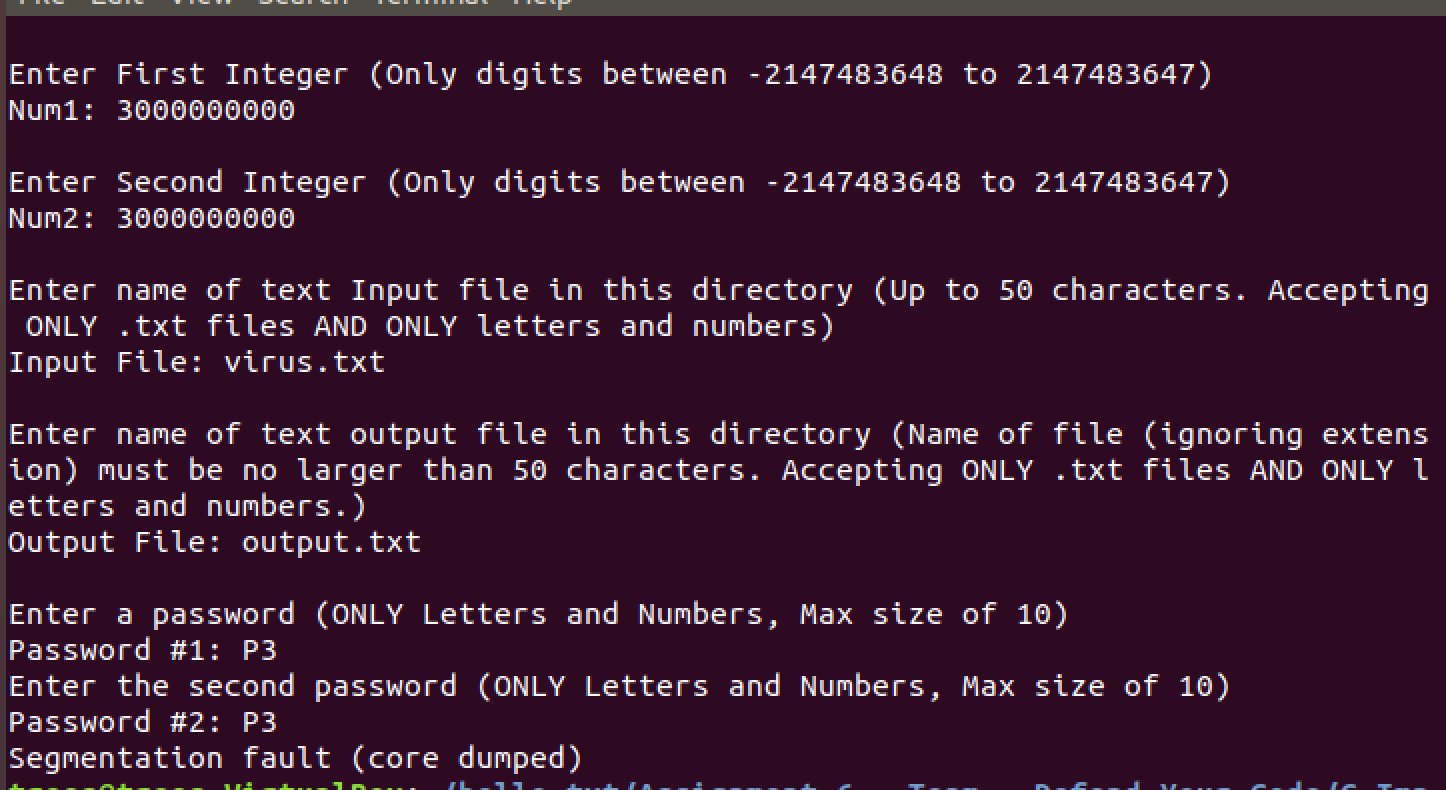
15. Redirecting an empty input file causes the program to not accept any input (confirmed)



16. Able to specify numbers outside of the specified range (confirmed)



17. Able to specify a directory for input and output as long as it ends with .txt (confirmed)



TEAM

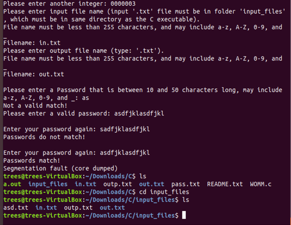
Worked on My Machine…

CODE

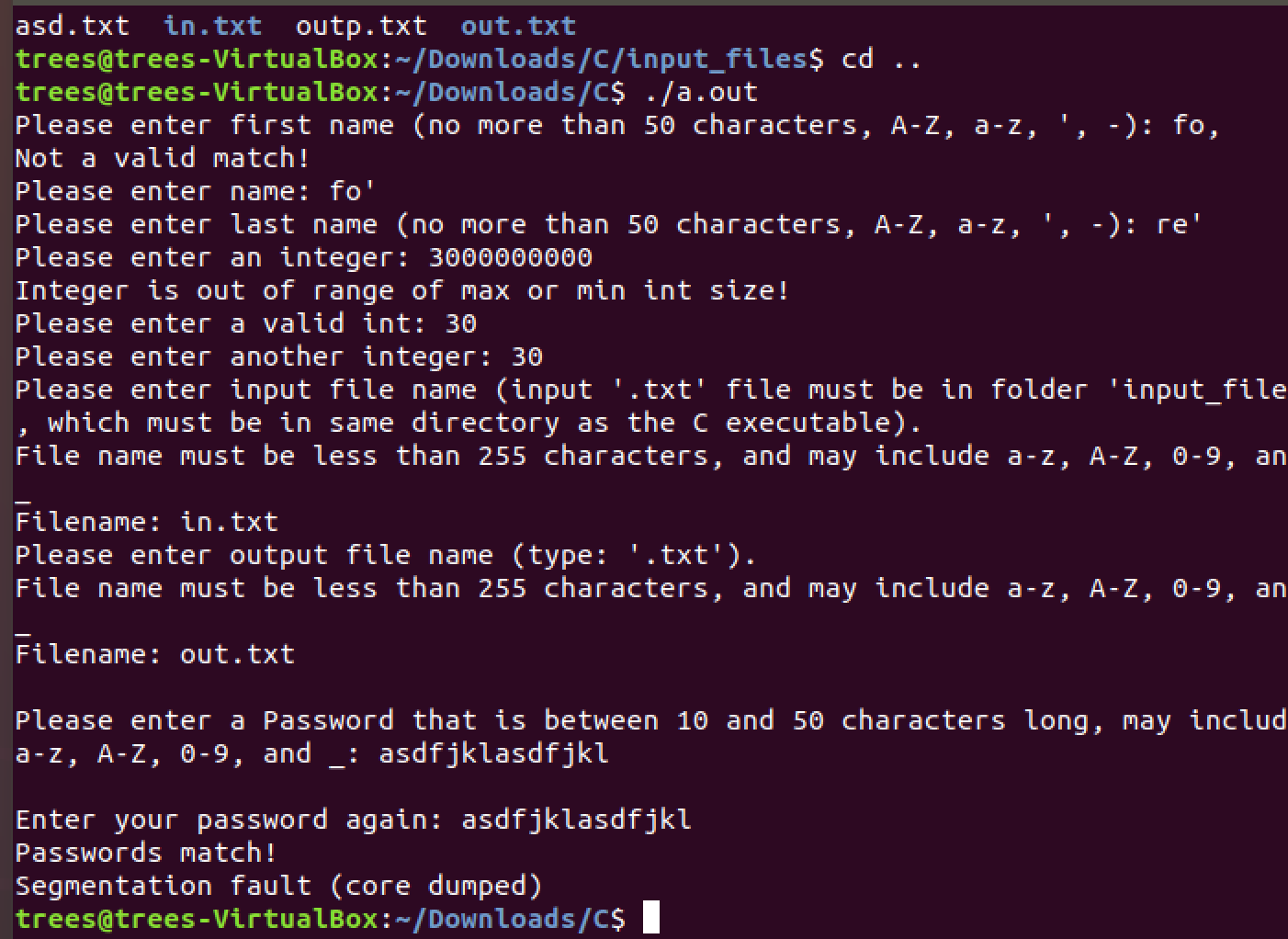
C

18. Able to specify a directory for input as long as it ends with .txt (confirmed)

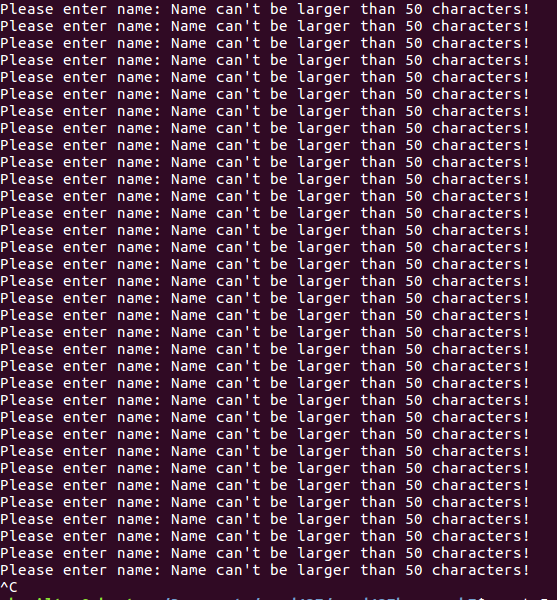
Causes a seg fault at the end



19. Able to specify a directory for output as long as it ends with .txt (confirmed)



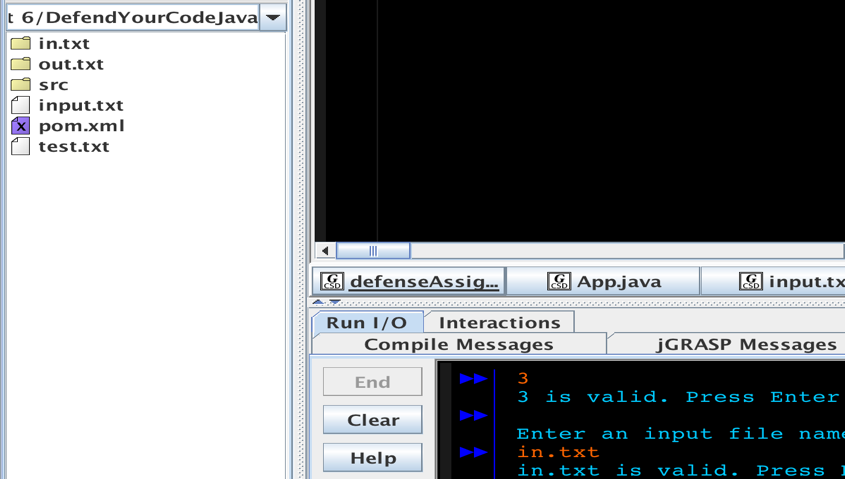
20. Redirecting an empty input file causes an infinite loop (confirmed)



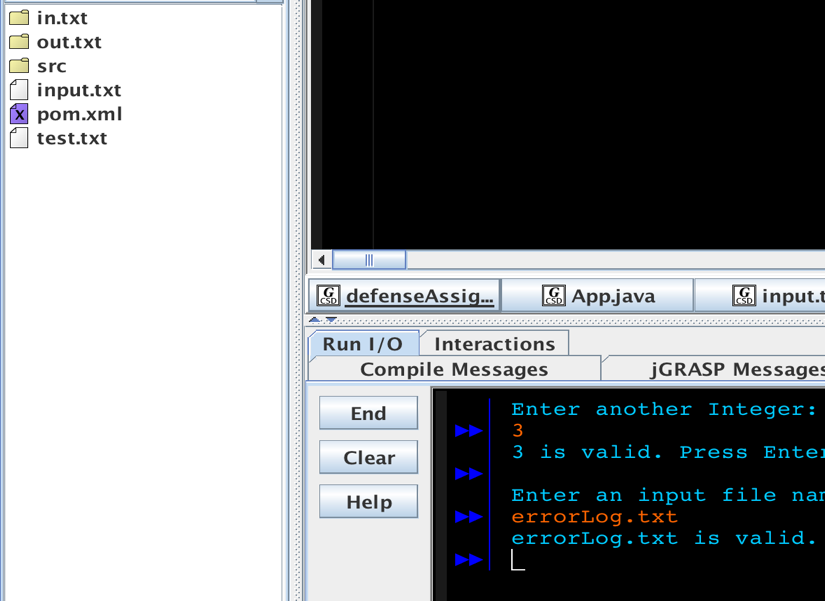
CODE

Java

21. Able to specify a directory for input and output as long as it ends with .txt (confirmed)



22. Able to specify errorLog.txt for input and output (confirmed)



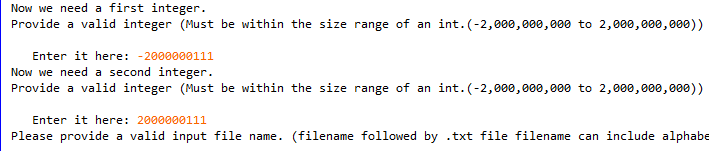
TEAM

Short Circuits (All exploits unconfirmed – team never responded to email sent on Dec. 5)

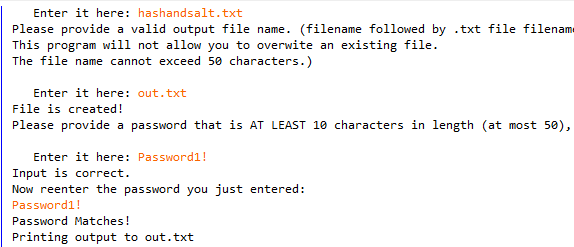
CODE

Java

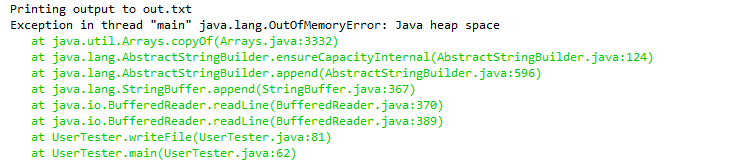
23. Numbers outside the specified range are allowed



24. Able to specify password hash storing file as input



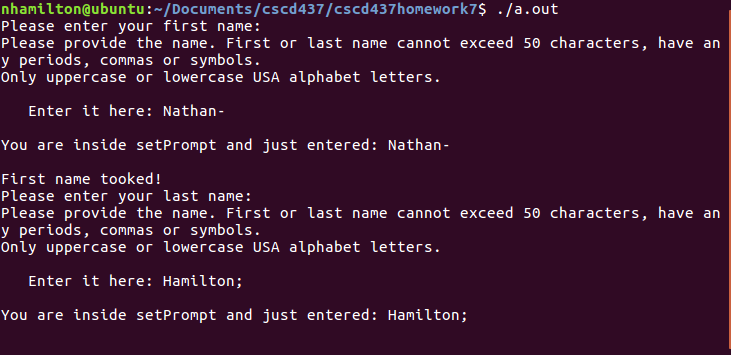
25. 820mb input file causes program to crash



CODE

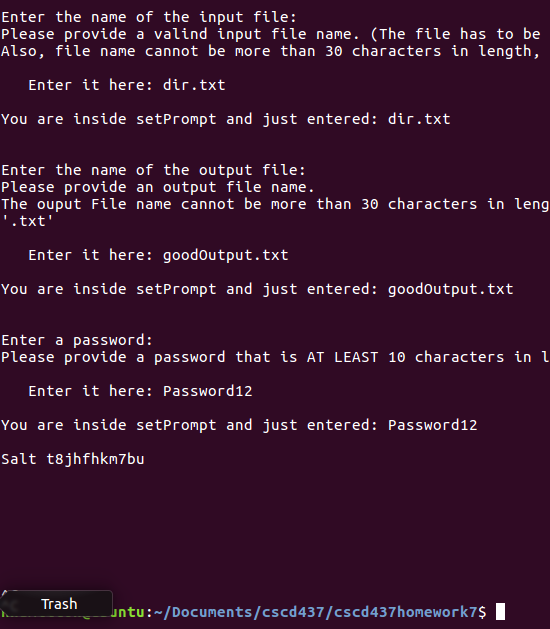
C

26. Non-alphabetic characters in names are allowed



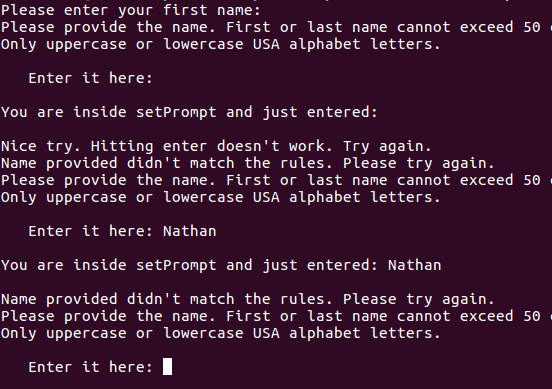
27. Able to specify a directory for input and output file if it ends in .txt

Causes the program to stall at the end

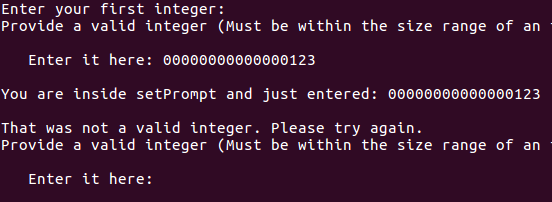


28. After hitting enter, the next name will not be accepted

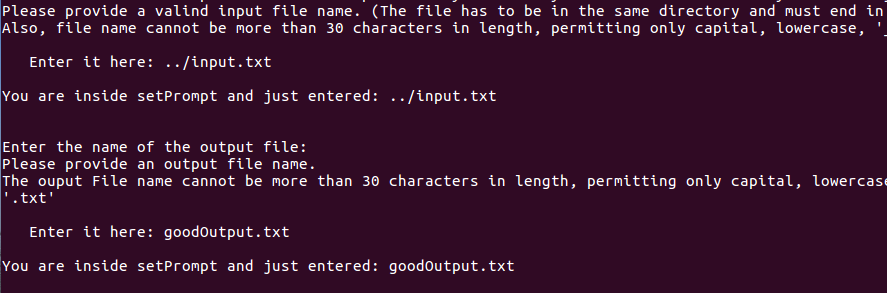
Probably because the new line character was not stripped from the input buffer



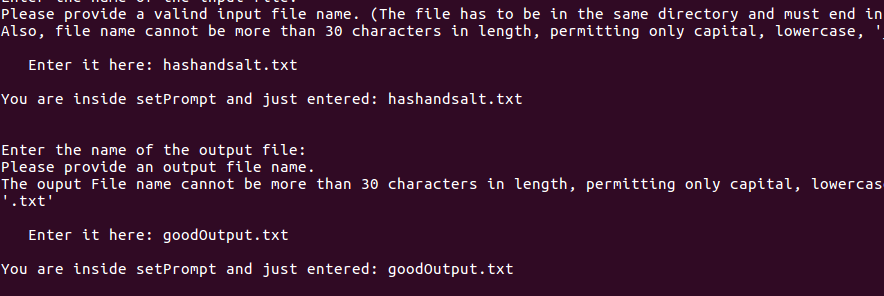
29. Number is not accepted if it has multiple preceding 0s



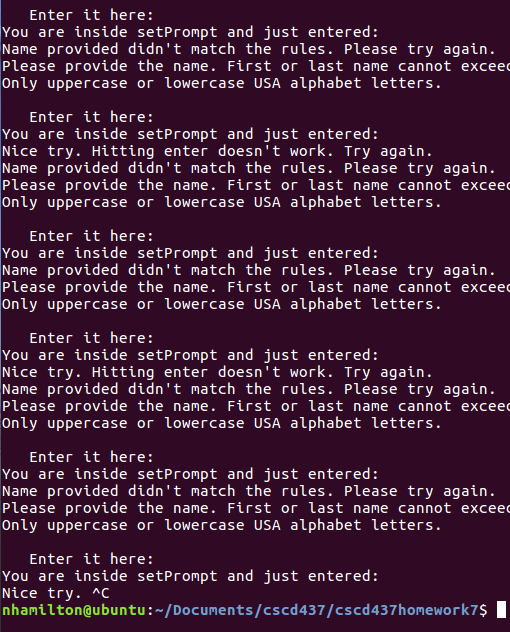
30. Able to specify files in other directories with relative path



31. Able to specify password file for input/output



32. Redirecting an empty file for input causes an infinite loop



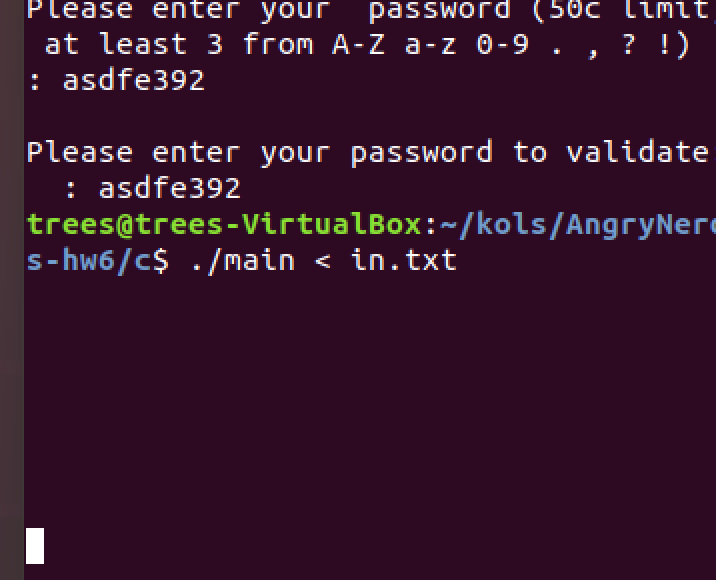
TEAM

Angry Nerds

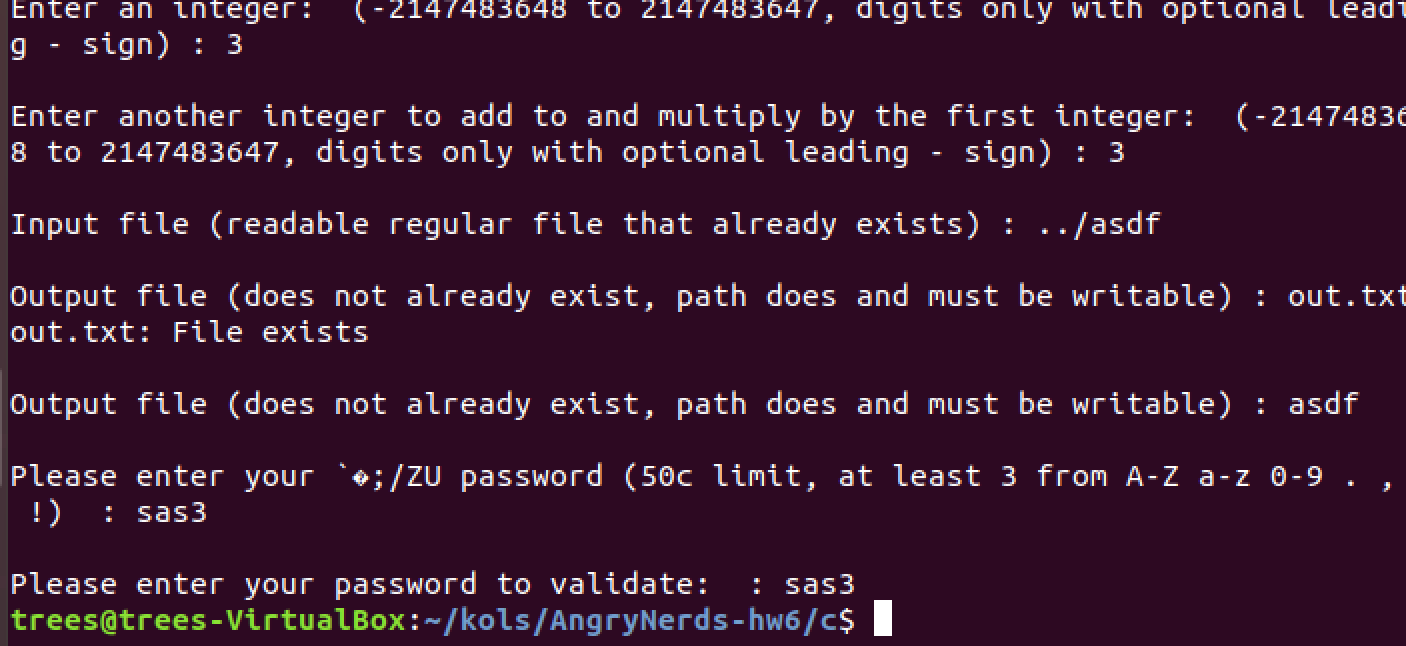
CODE

C

33. Redirecting an empty input file causes the program to not accept any input (confirmed)



34. Able to specify files in other directories with relative path. (Unconfirmed – Team does not agree with this due to it not being specified in the writeup. Dispute email has been sent to Tom but due to it being 8pm on Dec. 6, we have decided to add it anyway. A final decision can be made while grading if need be.)



TEAM

Artem

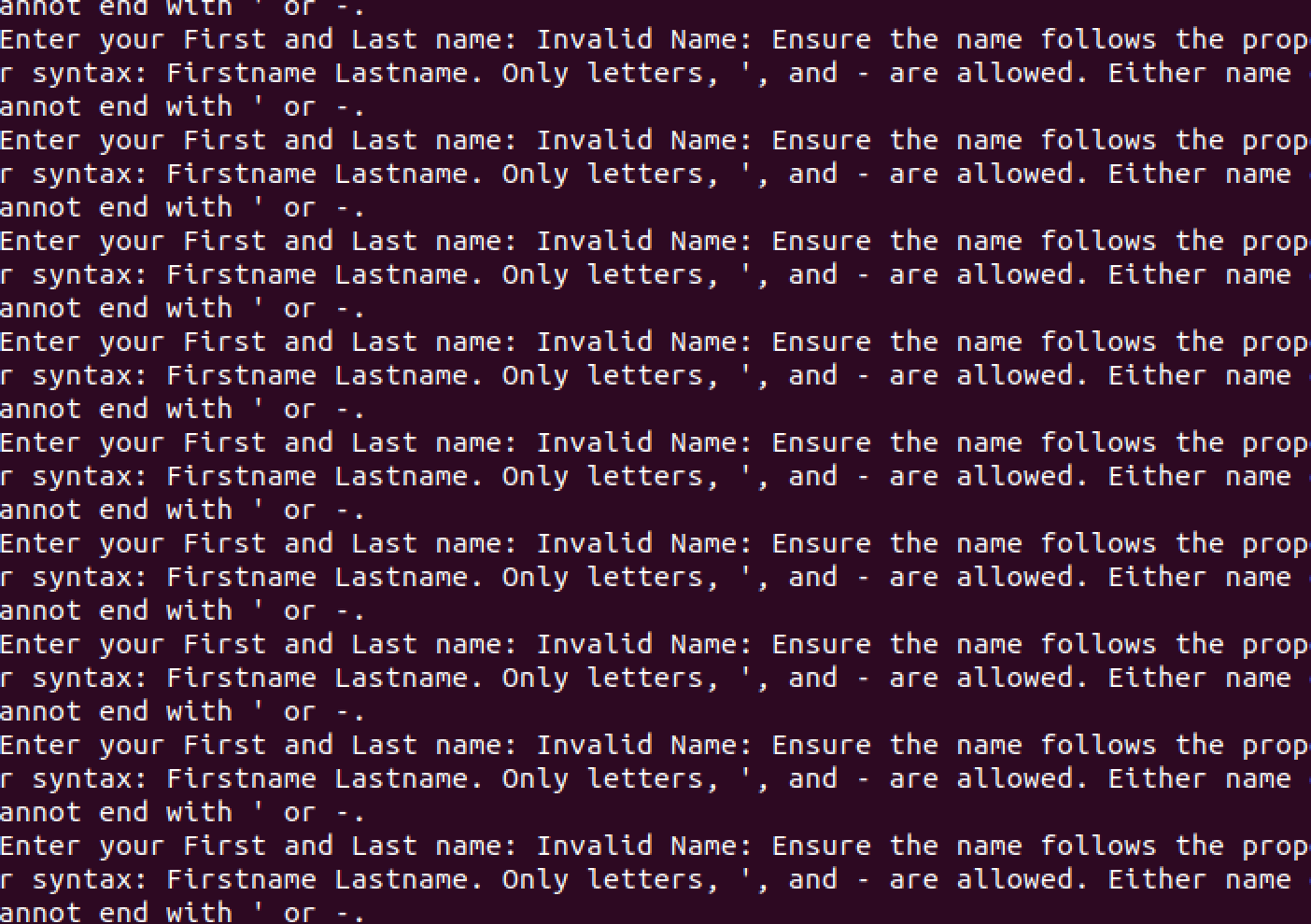
Gabe

Michael (Both exploits unconfirmed – confirmation email was sent late, around 8pm on Dec. 6, and team did not get back to us)

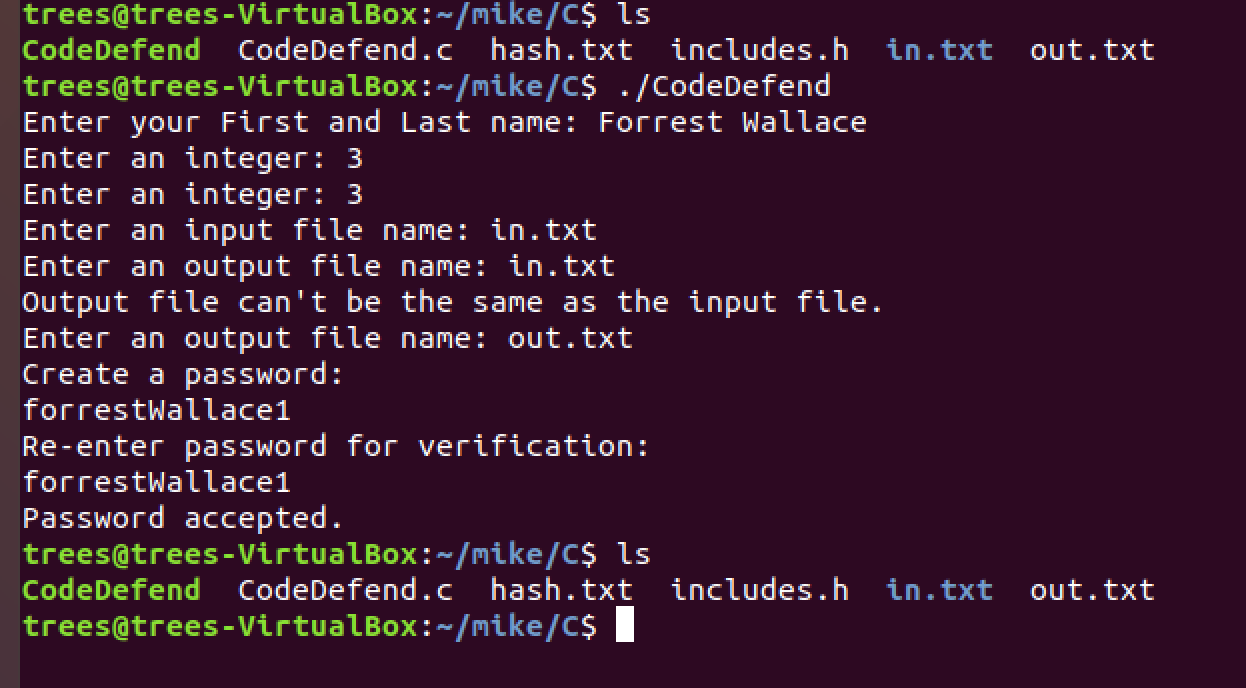
CODE

C

35. Redirecting an empty input file causes an infinite loop



36. Able to specify directory for input/output file as long as it ends in .txt



TOTAL

Confirmed: 23

Unconfirmed: 13

Overall: 36

TEAM

404 Group Not Found

These are all confirmed exploits with our code sent to us via email.

CODE

Java

1. Files are not restricted to the current directory

2. Escaped characters in filenames are not handled properly

3. First letter of each name does not have to be capital, despite saying so

4. Password does not allow punctuation outside of [!?.]

5. Numbers do not allow preceding +.

6. Numbers do not allow multiple preceding 0s.

7. Input/output can be password file.

8. Input/output can be error log file.

9. Password does not have a max length

10. Very large file for input crashes the program.

11. Very long filenames crash the program

CODE

C

12. Number input allows certain non-digit characters to be accepted (ex. “12e”)

13. Empty file redirection causes the program to crash

14. Directory named (anything).txt for the input file crashes the program

15. Name input allows for consecutive special characters

16. Input/output can be the same

17. Files not restricted to the current directory

TOTAL

Confirmed: 17

Unconfirmed: 0

Total: 17

Thank you, Tom and Josie, for such a great class! Happy holidays to you both!