

Assignment

Week 15

CT103

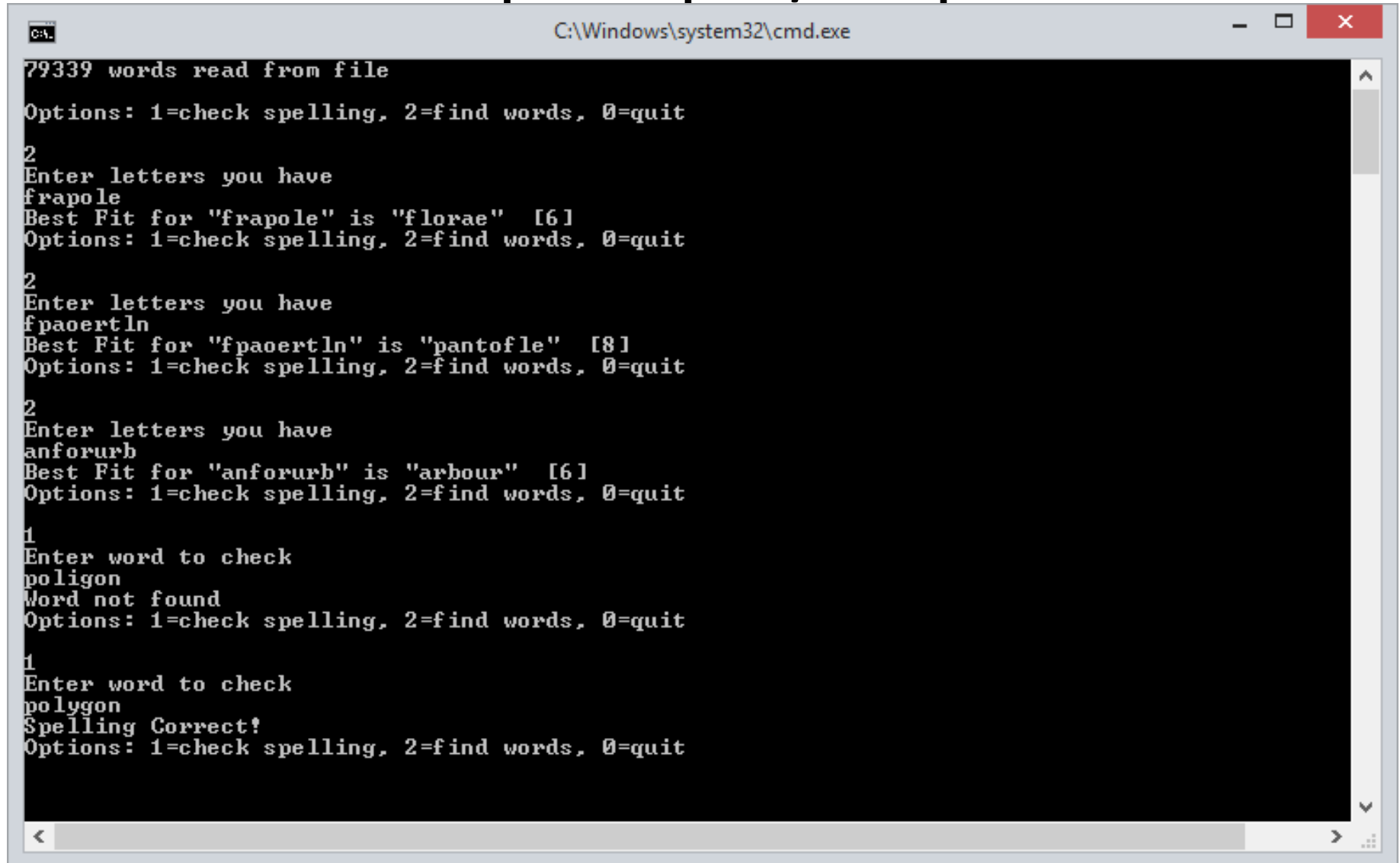
Programming

Lab Week Beginning 26th January
2015

Assignment Description – Part 1

- *Do Parts 1 and 2 first, and if you can, then Part 3 (you should at least be able to make a stab at it)*
- *Some of the easy code is give to you to save time*
- *You are given a data file containing a dictionary*
- *Part 1:*
 - *Write code to read in the dictionary into an array of words*
- *Part 2:*
 - *Write code to check the spelling of a word entered by the user*
- *Part 3:*
 - *Like Scrabble / Countdown – the user enters the letters they have – your code must find the word using the highest number of those letters*
 - *You will probably have to keep tweaking this to make it work properly – so persevere!*

Sample input/output



```
C:\Windows\system32\cmd.exe

79339 words read from file

Options: 1=check spelling, 2=find words, 0=quit

2
Enter letters you have
frapole
Best Fit for "frapole" is "florae" [6]
Options: 1=check spelling, 2=find words, 0=quit

2
Enter letters you have
fpaoertln
Best Fit for "fpaoertln" is "pantofle" [8]
Options: 1=check spelling, 2=find words, 0=quit

2
Enter letters you have
anforurb
Best Fit for "anforurb" is "arbour" [6]
Options: 1=check spelling, 2=find words, 0=quit

1
Enter word to check
poligon
Word not found
Options: 1=check spelling, 2=find words, 0=quit

1
Enter word to check
polygon
Spelling Correct!
Options: 1=check spelling, 2=find words, 0=quit
```