

At the top of this document is an extended example run on Zybooks, where the elapsed time is always 0 seconds because the input was pre-typed into the input window. Near the bottom there is an additional example showing what it looks like if the input is provided interactively, showing the scoring and output format when time runs out.

There are 263533 words in the full dictionary.

There are 114 commonly misspelled words.

Select a menu option:

1. Spell commonly misspelled words (timed)
2. Type random words from full dictionary (timed)
3. Display some words from one of the lists
4. Use binary search to lookup a word in full dictionary
5. Set word length to use with full dictionary
6. Exit the program

Your choice --> **4**

Enter the word to lookup: **exploration**

1. Comparing to: mankier
2. Comparing to: dormin
3. Comparing to: hammerheads
4. Comparing to: fictionizations
5. Comparing to: entree
6. Comparing to: exoenzymes
7. Comparing to: fanlight
8. Comparing to: extravaganzas
9. Comparing to: exposture
10. Comparing to: expellants
11. Comparing to: explanatory
12. Comparing to: exploring
13. Comparing to: explodes
14. Comparing to: exploitive
15. Comparing to: explorative
16. Comparing to: explorational
17. Comparing to: exploits
18. Comparing to: exploration

exploration was found.

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Your choice --> **4**

Enter the word to lookup: **gloopyzy**

1. Comparing to: mankier
2. Comparing to: dormin
3. Comparing to: hammerheads
4. Comparing to: fictionizations
5. Comparing to: gasolenes
6. Comparing to: gosling
7. Comparing to: girandolas
8. Comparing to: gluttonised
9. Comparing to: gliadin

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10. Comparing to: glopped
11. Comparing to: glob
12. Comparing to: globulet
13. Comparing to: glomerule
14. Comparing to: gloomier
15. Comparing to: gloomy
16. Comparing to: gloopiest
17. Comparing to: gloops
18. Comparing to: gloopy
19. Comparing to: glop
gloopzy was NOT found.

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Your choice --> 3
Displaying word list entries.
Which words do you want to display?
A. Dictionary of all words
B. Wrongly spelled common misspelled words
C. Correctly spelled common misspelled words
Your choice --> a
Enter the start and end indices between 0 and 263532: 200 205
200. aberrants
201. aberrate
202. aberrated
203. aberrates
204. aberrating
205. aberration

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5. Set word length to use with full dictionary
6. Exit the program
Your choice --> 3
Displaying word list entries.
Which words do you want to display?
A. Dictionary of all words
B. Wrongly spelled common misspelled words
C. Correctly spelled common misspelled words
Your choice --> b
Enter the start and end indices between 0 and 113: 100 105
100. tommorow
101. tommorrow
102. tounge
103. truely
104. unforeseen
105. unfortunatly

Select a menu option:
1. Spell commonly misspelled words (timed)
2. Type random words from full dictionary (timed)
3. Display some words from one of the lists
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4. Use binary search to lookup a word in full dictionary
5. Set word length to use with full dictionary
6. Exit the program

Your choice --> **3**

Displaying word list entries.

Which words do you want to display?

- A. Dictionary of all words
- B. Wrongly spelled common misspelled words
- C. Correctly spelled common misspelled words

Your choice --> **c**

Enter the start and end indices between 0 and 113: **100 105**

100. tomorrow
101. tomorrow
102. tongue
103. truly
104. unforeseen
105. unfortunately

Select a menu option:

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Your choice --> **1**

Using commonly misspelled words

tendancy existance accomodation posession dissapear

Type in those words within goal of 15 seconds:

tendency existence accommodation possession disappear

Misspelled words:

posession should be: possession

Elapsed time: 0 seconds. 30 point bonus for finishing 15 seconds early.

12 points: 4 spelled correctly x 3 points each

6 point penalty: 1 spelled incorrectly x 6 points each

Score: 36

Select a menu option:

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6. Exit the program

Your choice --> **1**

Using commonly misspelled words

truely assasination dissapoint comming apparantly

Type in those words within goal of 15 seconds:

truly assassination disappoint coming apparently

No misspelled words!

Elapsed time: 0 seconds. 30 point bonus for finishing 15 seconds early.

15 points: 5 spelled correctly x 3 points each

Score: 45

Select a menu option:

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5. Set word length to use with full dictionary

6. Exit the program
Your choice --> 1
Using commonly misspelled words
colleague really colleague ocassion Phillipines
Type in those words within goal of 15 seconds:
colleague really colleague occasion Philipines
Misspelled words:
Philipines should be: Philipppines
Elapsed time: 0 seconds. 30 point bonus for finishing 15 seconds early.
12 points: 4 spelled correctly x 3 points each
6 point penalty: 1 spelled incorrectly x 6 points each
Score: 36

Select a menu option:

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Your choice --> 2

Using full dictionary
devil yipee atria layup chark
Type in those words within goal of 15 seconds:

devil yipee atria layup chark

No misspelled words!
Elapsed time: 0 seconds. 30 point bonus for finishing 15 seconds early.
5 points: 5 spelled correctly x 1 points each
Score: 35

Select a menu option:

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6. Exit the program

Your choice --> 2

Using full dictionary
thinly marron biffin sysops perses
Type in those words within goal of 15 seconds:

thinly marron biffin sysops perses

Misspelled words:
biffin should be: biffin
Elapsed time: 0 seconds. 30 point bonus for finishing 15 seconds early.
8 points: 4 spelled correctly x 2 points each
4 point penalty: 1 spelled incorrectly x 4 points each
Score: 34

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6. Exit the program

Your choice --> 2

Using full dictionary
frisker zamangs magnons syntagm cruelty
Type in those words within goal of 15 seconds:

frisker zamangs magnons syntagm cruelty

No misspelled words!

Elapsed time: 0 seconds. 30 point bonus for finishing 15 seconds early.

15 points: 5 spelled correctly x 3 points each

Score: 45

Select a menu option:

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Your choice --> **1**

Using commonly misspelled words

unforseen enviroment futher resistance catagory

Type in those words within goal of 15 seconds:

unforseen environment further resistance category

Misspelled words:

unforseen should be: unforeseen

Elapsed time: 0 seconds. 30 point bonus for finishing 15 seconds early.

12 points: 4 spelled correctly x 3 points each

6 point penalty: 1 spelled incorrectly x 6 points each

Score: 36

Select a menu option:

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6. Exit the program

Your choice --> **5**

Enter new wordLength: **5**

Select a menu option:

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6. Exit the program

Your choice --> **2**

Using full dictionary

music stong avoid rebut clots

Type in those words within goal of 15 seconds:

music strong avoid rebut clots

Misspelled words:

strong should be: stong

Elapsed time: 0 seconds. 30 point bonus for finishing 15 seconds early.

4 points: 4 spelled correctly x 1 points each

2 point penalty: 1 spelled incorrectly x 2 points each

Score: 32

Select a menu option:

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5. Set word length to use with full dictionary
6. Exit the program

Your choice --> **6**
Exiting program
Best score was 45

Now for an example showing what the output looks like (though not in Zybooks) when time runs out:

There are 263533 words in the full dictionary.

There are 114 commonly misspelled words.

Select a menu option:

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6. Exit the program

Your choice --> **1**

Using commonly misspelled words

happend apparantly neccessary parralel definately

Type in those words within goal of 15 seconds:

happened apparently necessary parrrrallel definitely

Misspelled words:

parrrrallel should be: parallel

Elapsed time: 27 seconds. -36 points for finishing 12 seconds late.

12 points: 4 spelled correctly x 3 points each

6 point penalty: 1 spelled incorrectly x 6 points each

Score: -30

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6. Exit the **program**

Your choice --> 2

Using full dictionary

angst edema unjam joint equal

Type in those words within goal of 15 seconds:

angst edema unjamm joint equal

Misspelled words:

unjamm should be: unjam

Elapsed time: 29 seconds. -42 points for finishing 14 seconds late.

4 points: 4 spelled correctly x 1 points each

2 point penalty: 1 spelled incorrectly x 2 points each

Score: -40

Select a menu option:

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4. Use binary search to lookup a word in full dictionary
5. Set word length to use with full dictionary
6. Exit the program

Your choice --> **6**

Exiting program
Best score was 0