Ankit_Aggarwal (/dashboard) ▾

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I T D CTI

In this problem set ou ll implement *two versions o the .00 wordg me*

on t e intimid ted   the ength o this ro em set. here is ot o re ding, t it n e done with re son e mo nt o thin ing nd oding. t e he i o st rt this ro em set ew d s e ore it is d e

et s egin   des ri ing the .00 wordg me his g me is ot i e r   e or ords ith riends, i o ve   ed those. etters re de t to   ers, who then onstr t one or more words o t o their etters. h **valid word receives a score based on the length of the word and the letters in that word.**

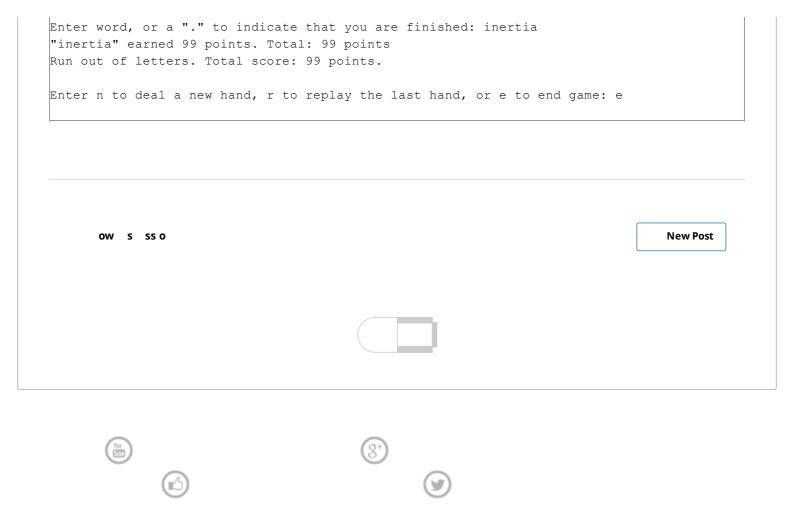**The rules of the game are as follows:**

Dealing

- **A pla er is dealt a hand of** *n etters hosen t r ndom ss me n=7 or now .*

- *he   er rr nges the h nd into s m n words s the w nt o t o the etters, sing e h etter t most on e.*

- *ome etters m   rem in n sed these won t e s ored .*

Scoring

- **The score for the hand is the sum of the scores for each word formed.**

- **The score for a word is the sum of the points for letters in the word multiplied b the length of the word plus   0 points if all** *n etters re sed on the irst word re ted.*

- *etters re s ored s in r e   is worth 1, is worth , is worth , is worth 2, is worth 1, nd so on. e h ve de ined the di tion r* `SCRABBLE_LETTER_VALUES` *that m aps each owercase letter to its Scra le letter value.*

- *ore am le, weed' would e worth 32 points ((4 1 1 2) for the four letters, then m ultiply y len ('weed') to get (4 1 1 2) 4 32). Be sure to chec that the hand actually has 1 w ', 2 e 's, and 1 d' efore scoring the word*

- As another e am le, if *n=7* nd o m e the word w i on the irst tr , it wo d e worth 1   oints the se s ore or w i is 1   1 1 1 7=10 , s n ddition   0 oint on s or sing n etters .

m e t t ere is how the g me o t t wi oo

```
Loading word list from file...
   83667 words loaded.
Enter n to deal a new hand, r to replay the last hand, or e to end game: n
Current Hand: p z u t t t o
Enter word, or a "." to indicate that you are finished: tot
"tot" earned 9 points. Total: 9 points
Current Hand: p z u t
Enter word, or a "." to indicate that you are finished: .
Total score: 9 points.

Enter n to deal a new hand, r to replay the last hand, or e to end game: r
Current Hand: p z u t t t o
Enter word, or a "." to indicate that you are finished: top
"top" earned 15 points. Total: 15 points
Current Hand: z u t t
Enter word, or a "." to indicate that you are finished: tu
That is not a valid word. Please choose another word
Current Hand: z u t t
Enter word, or a "." to indicate that you are finished: .
Total score: 15 points.

Enter n to deal a new hand, r to replay the last hand, or e to end game: n
Current Hand: a q w f f i p
Enter word, or a "." to indicate that you are finished: paw
"paw" earned 24 points. Total: 24 points
Current Hand: q f f i
Enter word, or a "." to indicate that you are finished: qi
"qi" earned 22 points. Total: 46 points
Current Hand: f f
Enter word, or a "." to indicate that you are finished: .
Total score: 46 points.

Enter n to deal a new hand, r to replay the last hand, or e to end game: n
Current Hand: a r e t i i n
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Enter word, or a "." to indicate that you are finished: inertia
"inertia" earned 99 points. Total: 99 points
Run out of letters. Total score: 99 points.

Enter n to deal a new hand, r to replay the last hand, or e to end game: e
```

ow s ss o

New Post