Problem 6

1 point possible (ungraded)

A game consists of playing multiple hands. We need to implement one final function to complete our word-game program. Write the code that implements the `playGame` function. You should remove the code that is currently uncommented in the `playGame` body. Read through the specification and make sure you understand what this function accomplishes. For the game, you should use the `HAND_SIZE` constant to determine the number of cards in a hand.

Testing: Try out this implementation as if you were playing the game. Try out different values for `HAND_SIZE` with your program, and be sure that you can play the wordgame with different hand sizes by modifying *only* the variable `HAND_SIZE`.

Sample Output

Here is how the game output should look...

```
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: r
You have not played a hand yet. Please play a new hand first!

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 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: .
Goodbye! 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 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
Invalid word, please try again.

Current Hand: z u t t
Enter word, or a "." to indicate that you are finished: .
Goodbye! 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: .
Goodbye! 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
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: x
Invalid command.
Enter n to deal a new hand, r to replay the last hand, or e to end game: e
```

Hints about the output

Entering Your Code

A Cool Trick about 'print'

A cool trick about `print` : you can make two or more print statements print to the same line! Try out the following code. It will separate the first and second line with a space, and the second and third line with a "?" rather than putting each on a new line.

```
print('Hello', end = " ")
print('world', end="?")
print('!')
```

```
1  def playGame(wordList):
2      """
3      Allow the user to play an arbitrary number of hands.
4
5      1) Asks the user to input 'n' or 'r' or 'e'.
6        * If the user inputs 'n', let the user play a new (random) hand.
7        * If the user inputs 'r', let the user play the last hand again.
8        * If the user inputs 'e', exit the game.
9        * If the user inputs anything else, tell them their input was invalid.
10
11     2) When done playing the hand, repeat from step 1
12     """
13     # TO DO ... <-- Remove this comment when you code this function
14
```

Press ESC then TAB or click outside of the code editor to exit

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