What the Hack: List | Episode 6 Challenges Solutions

Finish testing your knowledge? Take a look at some solutions to the challenges!

Challenge 1: How many words vs. How many characters

```python
#first. let's save this string into a variable for us to work with for this
challenge!
string = 'I gie ma mammy a cake, she turned in tae a big bear and my auld yin
tried tae dae her in. If that's no a pure mess, I don't know whit is!'


#to find how many characters are there in a string, we can simply use the len()
function
print(len(string))
#if we print the len() function out, it tells us that we have 137 characters in
our string! Did you get this part correct?


#we know that words are separated by spaces in a sentence, and we know that a
string can also be a list separated by a specific character
#so, we can use the split() method on our string to make it into a list, and we
can separate the string by a space by specifying ' ' inside the split method
#we can save this to a new variable called list
list = string.split(' ')
#now, if we print out how many elements are there inside this list, it will show
us that it has 33 elements, which is the same as saying 33 words!
print(len(list))
```