```
 5        'Tis some visitor, I muttered, tapping at my chamber door;
 6        Only this and nothing more."""
 7
 8  # Write your code here!
 9
10
```

ActiveCode (assess_ps_01_02)

data-19-1: The code below initializes two variables, `z` and `y`. We want to assign the total number of characters in `z` and in `y` to the variable `a`. Which of the following solutions, if any, would be considered hard coding?

Score: 1.0 / 1

Comment: autograded

```
z = "hello world"
y = "welcome!"
```

☑A. a = len("hello worldwelcome!")

☑B. a = 11 + 8

☐C. a = len(z) + len(y)

☑D. a = len("hello world") + len("welcome!")

☐E. none of the above are hardcoding.

[Check me] [Compare me]

✔ Correct.
   A. Though we are using the len function here, we are hardcoding what len should return the length of. We are not referencing z or y.
   B. This is hardcoding, we are writing in the value without referencing z or y.
   D. Though we are using the len function here, we are hardcoding what len should return the length of each time we call len. We are not referencing z or y.

Multiple Choice (assess_question1_1_1_3)

Score: 0.0 / 0

Comment: autograded

(This is not an assessment question) The code below defines functions used by one of the questions above. Do not modify the code, but feel free to take a look.