03.2 - Sum Average

Write a Python program with a loop that asks the user to enter a series of non-negative numbers (positive numbers or zero). The user should enter a negative number to signal the end of the series. After all the non-negative numbers have been entered, the program should display their sum and average.

Test your program with the following data:

Input	Output	
Numbers	Sum	Avg.
$0, 1, 2, 3, 4, 5, -1$	15.000	2.500
$2.333, 12.56, 2.175, -0.01$	17.068	5.689
-10		

Table 1: Sum and average test data.

Finally, format your program to match the samples below. Your output should exactly match the sample output, character for character, including all white space and punctuation. User input in the sample has been highlighted in Pappy's Purple to distinguish it from the program's output, but your user input does not need to be colored. Save your finished program as `sum_average_login.py`, where `login` is your Purdue login. Then submit it along with a screenshot showing a run of **all 3** test cases.

Terminal

```
$ python sum_average_login.py
Enter a non-negative number (negative to quit): 0
Enter a non-negative number (negative to quit): 1
Enter a non-negative number (negative to quit): 2
Enter a non-negative number (negative to quit): 3
Enter a non-negative number (negative to quit): 4
Enter a non-negative number (negative to quit): 5
Enter a non-negative number (negative to quit): -1
  You entered 6 numbers.
  Their sum is 15.000 and their average is 2.500.
$ python sum_average_login.py
Enter a non-negative number (negative to quit): -10
  You didn't enter any numbers.
```