

## 08.5 - Number Reader

Write a program that reads the random numbers from the `random_numbers.txt` file you created in Exercise 08.4 - Number Writer. The program should then calculate and display the following data about the numbers in the file:

- the number of random numbers
- the minimum of the numbers
- the maximum of the numbers
- the sum of the numbers
- the average of the numbers

A sample run of the program is shown below. Your program should match the formatting of the sample, but your sum and average should be different. 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 program as `number_reader_login.py`, where `login` is your Purdue login. Then submit it along with a screenshot that captures a test run of your program. You do *not* need to submit your `random_numbers.txt` file.

### Terminal

```
$ python number_reader_login.py
10,000 numbers were read from the file.
Min: 1,019
Max: 1,215
Sum: 11,167,388
Avg: 1,116.7
```