

## 08.4 - Number Writer

Write a program that asks the user how many numbers it should generate and then writes that many random numbers to a file named `random_numbers.txt`. Each random number should be in the range of 1019 through 1215 inclusive.

A sample run of the program, and the resulting `random_numbers.txt` file, is shown below. Your program should match the formatting of the sample, but your `random_numbers.txt` file will be different. Note that the small numbers on the left of the sample `random_numbers.txt` file represent line numbers that might be shown when the file is opened in a text editor but are not part of the file itself. The ellipses on lines 7 and 9996 indicate the beginning and end of a segment of the file that is not being displayed.

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_writer_login.py`, where `login` is your Purdue login. Then submit it along with a screenshot that captures a test run of your program in which the user requests 10,000 random numbers. You do *not* need to submit the generated `random_numbers.txt` file.

### Terminal

```
$ python number_writer_login.py
How many numbers would you like? 10000
```

### Editor - random\_numbers.txt

```
1 1118
2 1115
3 1120
4 1166
5 1199
6 1044
7 . . .

9996 . . .
9997 1213
9998 1038
9999 1148
10000 1214
```