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`. The random numbers should span the inclusive range from 1019 to 1217 excluding the numbers 1025, 1042, and 1188.

A sample run of the program, and the resulting `random_numbers.txt` file, is shown below. You may format your program however you like as long as you collect input from the user exactly once. Your `random_numbers.txt` file will be different than the one shown below since the generated numbers should be random. 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 begining 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
This program will fill a file with random numbers.
How many numbers should it write? 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
```