

## Finding Numbers in a Haystack

In this assignment you will read through and parse a file with text and numbers. You will extract all the numbers in the file and compute the sum of the numbers.

### Data Files

We provide two files for this assignment. One is a sample file where we give you the sum for your testing and the other is the actual data you need to process for the assignment.

- Sample data: [http://py4e-data.dr-chuck.net/regex\\_sum\\_42.txt](http://py4e-data.dr-chuck.net/regex_sum_42.txt) (There are 90 values with a sum=445833)
- Actual data: [http://py4e-data.dr-chuck.net/regex\\_sum\\_1419494.txt](http://py4e-data.dr-chuck.net/regex_sum_1419494.txt) (There are 83 values and the sum ends with 228)

These links open in a new window. Make sure to save the file into the same folder as you will be writing your Python program. **Note:** Each student will have a distinct data file for the assignment - so only use your own data file for analysis.

```
Command Prompt
Microsoft Windows [Version 10.0.22000.856]
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C:\Users\miroy>cd "C:\Users\miroy\OneDrive\Desktop"

C:\Users\miroy\OneDrive\Desktop>"C:\Users\miroy\OneDrive\Desktop\ExtractingRegEx.py"
426228

C:\Users\miroy\OneDrive\Desktop>
```