CPSC 231 (Winter 2017)

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Problem statement 1

- Write a program that will calculate geometric mean and median of n numbers.

- Use 3 functions to do the task:
  - one function to read the input and return a list of numbers
  - one function that gets passed the list and returns the geo mean
  - one function that gets passed the list and returns the median

- Run with input redirected in from a file, i.e.,
        python3 program.py < datafile

Example input 1

- Content of a datafile can be as follows

```
1.23
42.0
12.8
999.9
EOF
```

Example input 2

- Content of a datafile can be as follows

```
1.0
2.0
3.0
4.0
5.0
EOF
```

Thank you