

Write a small stand-alone text processing program called “parser” that parses substrings from a string of data in order to compute some basic statistics.

Data source: <http://cosmicrays.oulu.fi>

View the data in your web browser here: <https://jhub.analytics.org/data/cosmic-rays.txt>

Copy and paste roughly a screen's worth of data from that data displayed in your browser into your program source code, putting quote marks at the very beginning and at the very end, and assign that data to a variable. See strings.pdf for example.

Create algorithms with loops and condition statements for computing statistical values from column 4, the CorrectedCountRate. Your loops will iterate through the rows of text.

The values computed are:

- Mean
- Median
- Maximum
- Minimum
- Count of occurrences greater than the mean.

Additionally, have your program determine the dimensions of cosmic ray table in terms of counts for:

- Number of rows.
- Number of columns.

Your program should display the above values when run.