Sort Command #2

Objective

In this challenge, we practice using the *sort* command to sort input in text or TSV formats.

Resources

The *sort* command is frequently used for sorting input in text or TSV formats in various different ways. These ways may be either lexicographical, case insensitive, based on the numeric field only, based on a particular column, etc.

Sort Options

- The vanilla *sort* command simply sorts the lines of the input file in lexicographical order.

- The **-n** option sorts the file on the basis of the numeric fields available if the first word or column in the file is a number.

- The **-r** option reverses the sorting order to either the reverse of the usual lexicographical ordering or descending order while sorting in numerical mode.

- The **-k** option is useful while sorting a table of data (tsv, csv etc.) based on a specified column (or columns).

- The **-t** option is used while specifying a delimiter in a particular file where columns are separated by tabs, spaces, pipes etc.

A few useful resources to study different variants as well as working examples of the *sort* command are:
A Wikipedia entry for the 'sort' command
How to Sort Files in Linux using Sort Command

Task

Given a text file, order the lines in reverse lexicographical order (i.e. *Z-A* instead of *A-Z*).

Input Format

A text file.

Output Format

Output the text file with the lines reordered in reverse lexicographical order.

Sample Input

```
Dr. Rajendra Prasad    January 26, 1950    May 13, 1962
Dr. S. Radhakrishnan       May 13, 1962    May 13, 1967
Dr. Zakir Hussain      May 13, 1967    August 24, 1969
Shri Varahagiri Venkata Giri      August 24, 1969 August 24, 1974
Shri Fakhruddin Ali Ahmed      August 24, 1974 February 11, 1977
Shri Neelam Sanjiva Reddy      July 25, 1977    July 25, 198
```

Sample Output

```
Shri Varahagiri Venkata Giri      August 24, 1969 August 24, 1974
Shri Neelam Sanjiva Reddy      July 25, 1977    July 25, 198
Shri Fakhruddin Ali Ahmed      August 24, 1974 February 11, 1977
Dr. Zakir Hussain      May 13, 1967    August 24, 1969
Dr. S. Radhakrishnan       May 13, 1962    May 13, 1967
Dr. Rajendra Prasad    January 26, 1950    May 13, 1962
```