

Question:-

Sorting TV shows (dictionaries and list)

Write a program that first reads in the name of an input file and then reads the input file using the `file.readlines()` method.

The input file contains an unsorted list of number of seasons followed by the corresponding TV show. Your program should put the contents of the input file into a dictionary where the number of seasons are the keys, and a list of TV shows are the values (since multiple shows could have the same number of seasons).

Sort the dictionary by key (least to greatest) and output the results to a file named `output_keys.txt`. Separate multiple TV shows associated with the same key with a semicolon (;), ordering by appearance in the input file. Next, sort the dictionary by values (alphabetical order), and output the results to a file named `output_titles.txt`.

contents of `file1.txt` are:

```
20
Gunsmoke
30
The Simpsons
10
Will & Grace
14
Dallas
20
Law & Order
12
Murder, She Wrote
```

the file `output_keys.txt` should contain:

```
10: Will & Grace
12: Murder, She Wrote
14: Dallas
20: Gunsmoke; Law & Order
30: The Simpsons
```

file `output_titles.txt` should contain:

```
Dallas
Gunsmoke
Law & Order
Murder, She Wrote
The Simpsons
Will & Grace
```