Input csv file. Write a merge sort algorithm with Python code. The format of the data in the given file is that the first digit is the package number, the second digit is the destination state, the third digit is the destination city, and the fourth digit is the priority

Note: read more than one line of data in the file

Input CSV file:

1, MA, Boston, 1

2, CA, Los Angles, 2

3, MA, Worcester, 3

4, MA, Boston, 4

5, CA, San Francisco, 5

6, CA, San Diago, 7

7, CA, San Diago, 6

OUTPUT:

MA:

Boston: Package #1, Package #4

Worcester: Package #3

CA:

Los Angles: Package #2

San Francisco: Package #5

San Diago: Package #6, Package #7

Delivery Order: #1, #2, #3, #4, #5,#7,#6

/Users/12103/Desktop/CS566 HW/Assign 3/sample2.csv

My input csv file is this:

Package #1, destination: MA Boston, Priority: 1

Package #2, destination: CA Los Angles, Priority: 2

Package #3, destination: MA Worcester, Priority: 3

Package #4, destination: MA Boston, Priority: 4

Package #5, destination: CA San Francisco, Priority: 5

Package #6, destination: CA San Diago, Priority: 7

Package #7, destination: CA San Diago, Priority: 6

But there is an error:IndexError: list index out of range