Name:

Do your work in this directory:

/data/courses/ece\_1111/current/quizzes/qu\_03/lastname\_firstname

creating a file named p01.py that contains your solution.

Write a Python program that sorts lines in an input file in ascending (increasing) order based on the last value on the line, which will always be a floating-point number. Print the sorted result to stdout as shown below:

p01.py <filename1>

and sort all lines in all files into a single list ordered in ascending order.

For example:

ece-000\_[2]: cat /data/courses/ece\_1111/current/quizzes/qu\_03/picone\_joseph/example.txt

the fourth line = 2.0

the first line = 5.0

the fifth line = 1.0

the third line = 3.0

the second line = 4.0

ece-000\_[1]: p01.py /data/courses/ece\_1111/current/quizzes/qu\_10/picone\_joseph/example.txt

the fifth line = 1.0

the fourth line = 2.0

the third line = 3.0

the second line = 4.0

the first line = 5.0

Your program should work for any data files that have a floating-point number as the last entry on the line.