Name:

Do your work in this directory:

/data/courses/ece\_1111/current/quizzes/qu\_03/lastname\_firstname/p01

creating a file named *p01.py* that contains your solution. Make sure your parent directory has the correct permissions.

Create a plain text file, named *temp.text*, using emacs or the equivalent that contains text like that shown below (item, price, attribute):

cookies, 3.95, snack

steak, 14.31, dinner

eggs, 2.71, breakfast

ham and cheese, 5.99, lunch

turkey and cheese, 5.99, lunch

spaghetti and meatballs, 9.99, dinner

grapes, 1.29, snack

chicken and waffles, 10.99, breakfast

Write a Python PROGRAM (not script) that reads this file line by line, sorts the items in increasing order based on price, and displays them EXACTLY as shown:

ece-000\_[1]: p01.py temp.text

1: price: $1.29, item: grapes, meal: snack

2: price: $2.71, item: eggs, meal: breakfast

...

Your output must match what is shown EXACTLY. Price must be printed using two places after the decimal. The tags preceding the item must be printed as shown. Your program should work for any file of this format. I will test your code using a different file.