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 (name/value pairs):

eagles = 44.12345

chiefs = 37.5

the philadelphia Phillies = 27.2727

chiefs = 33.3

eagles = 19.7

the philadelphia phillies = 99.999

chiefs = 11.1

eagles = 9.9

Write a Python program that reads this file line by line and displays name/value pairs for any line containing “phillies”, whether or not “phillies” is capitalized (e.g., “Phillies”, “phiLLies”, “philliES” should all work). We call this a case-insensitive match.

Your program should take the search term, “phillies” in this case, from the command line, as the first argument, and the filename to be searched as the second argument. It should output the matches exactly as shown below:

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

1: the philadelphia Phillies <===> 99.999

2: the philadelphia phillies <===> 27.2727

the total number of matching lines = 2

Another example is:

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

1: chiefs <===> 37.5

2: chiefs <===> 33.3

3: chiefs <===> 11.1

the total number of matching lines = 3

Your output must match what is shown EXACTLY. Your interface must meet the requirements above. Your program should work for any data files that have similar data.