**CS 382 HW1(50 pts due February 12, 2014)**

Quick-sort algorithm that is given in the class is an example of pointer to pointer. This algorithm sorts given lines based on their first character. Here order is A>B>…>Z>a>b>…>z.

**Example:**

**Input:**

Wku Acb

Nky Bcd

zbcd efg

Zabx Adb

**Output:**

Nky Bcd

Wku Acb

Zabx Adb

zbcd efg

In this home work, you update the given code such that

* Each word(token) in line is sorted
* Words in line is sorted
* All the lines are sorted

Now with above example you output should be

Sort each word in each line:

Wku Abc // here W comes before k and

Nky Bcd

bcdz efg

Zabx Abd

Sort each line

Abc Wku

Bcd Nky

bcdz efg

Abd Zabx

Now sort all the lines. This is what your program should output:

Abc Wku

Abd Zabx

Bcd Nky

bcdz efg