# File: Radix.py

# Description:

# Student Name:

# Student UT EID:

# Partner Name:

# Partner UT EID:

# Course Name: CS 313E

# Unique Number:

# Date Created:

# Date Last Modified:

import sys

class Queue (object):

def \_\_init\_\_ (self):

self.queue = []

# add an item to the end of the queue

def enqueue (self, item):

self.queue.append (item)

# remove an item from the beginning of the queue

def dequeue (self):

return (self.queue.pop(0))

# check if the queue if empty

def is\_empty (self):

return (len(self.queue) == 0)

# return the size of the queue

def size (self):

return (len(self.queue))

# Input: a is a list of strings that have either lower case

# letters or digits

# Output: returns a sorted list of strings

def radix\_sort (a):

return

def main():

# read the number of words in file

line = sys.stdin.readline()

line = line.strip()

num\_words = int (line)

# create a word list

word\_list = []

for i in range (num\_words):

line = sys.stdin.readline()

word = line.strip()

word\_list.append (word)

'''

# print word\_list

print (word\_list)

'''

# use radix sort to sort the word\_list

sorted\_list = radix\_sort (word\_list)

# print the sorted\_list

print (sorted\_list)

if \_\_name\_\_ == "\_\_main\_\_":

main()