import csv

import sys

#функція читання

def r1():

fd = open('a1.txt','r', encoding= 'utf-8')

reader = csv.reader(fd, delimiter="\t")

for row in reader:

print(row)

fd.close()

def r2():

fd = open('a2.txt','r', encoding= 'utf-8')

reader = csv.reader(fd, delimiter="\t")

for row in reader:

print(row)

fd.close()

#функція запису

def w1():

fd = open('a1.txt','w', encoding= 'utf-8')

fd.write('Антон 70\n')

fd.close()

def w2():

fd = open('a2.txt', 'w', encoding='utf-8')

fd.write('Гліб 78\n')

fd.close()

#функція дозапису

def a1():

fd = open('a1.txt', 'a', encoding='utf-8')

fd.write('Костя 98\n')

fd.close()

def a2():

fd = open('a2.txt', 'a', encoding='utf-8')

fd.write('Максим 68\n')

fd.close()

#Сортування

def s1():

with open("a1.txt", "r+") as f:

lines = f.readlines()

lines.sort()

f.seek(0)

f.writelines(lines)

def s2():

with open("a2.txt", "r+") as f:

lines = f.readlines()

t = sorted(tuple(lines))

f.writelines(t)

a2()

r2()