#Task 1#

def minmax(data):

largest = data[0]

smallest = data[0]

for value in data:

if value > largest:

largest = value

elif value < smallest:

smallest = value

return smallest, largest

number = [1,2,3,45,6,7,8,10]

print(minmax(number))

#Task 2#

import sys

def staircase(n):

for i in range(1,n+1):

print(" "\*(n-1)+ "#"\*i)

if \_\_name\_\_ == '\_\_main\_\_':

n = 4

staircase(n)

#Task 3#

ID = input("what is your Id?")

f = open("lucky\_ids.txt", "r")

for bannerId in f:

if ID in bannerId:

print("yes")

else:

print("no")

#Task 4#

from heapq import nlargest

with open("Lucky\_ids.txt", "r") as f:

three\_largest = nlargest(3, f)

print(three\_largest)

#Task 5#

with open("lucky\_ids.txt", "r") as f:

seen = set()

for line in f:

line\_lower = line.lower()

if line\_lower in seen:

print(line)

else:

seen.add(line\_lower)