Exercise No: 8

Date:23/11/2020

Aim:

Write a Python program to get a list, sorted in increasing order by the last element in each tuple from a given list of non-empty tuples.

Program:

def lastEle(n):

return n[-1]

def sorting(tuples):

return sorted(tuples, key=lastEle)

n = int(input())

listEle = []

for i in range(n):

ele = int(input())

listEle.append(ele)

tuples = [(val , pow(val,3)) for val in listEle]

print(tuples)

print(sorting(tuples))

Link:

[http://103.53.53.18/mod/vpl/forms/edit.php?id=317&userid=1803#](http://103.53.53.18/mod/vpl/forms/edit.php?id=317&userid=1803)

output:

I/P:

3

1

3

2

O/P:

[(1, 1), (3, 27), (2, 8)] #Before sorting

[(1, 1), (2, 8), (3, 27)] #After sorting

Result:

The program executed and the output are obtained successfully and verified.