Ex.No : 8

Date : 23/11/20

**Aim :**

To 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 last(n):

return n[-1]

def sort\_list\_last(tuples):

return sorted(tuples, key=last)

n=int(input())

m=[]

cube=[]

for i in range(n):

a=int(input())

m.append(a)

b=a\*a\*a

cube.append(b)

tuples=list(zip(m,cube))

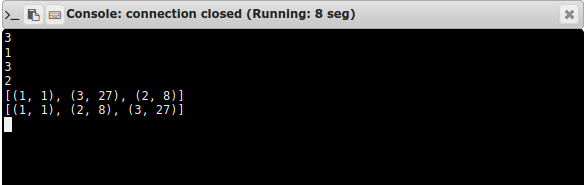
print(tuples)

print(sort\_list\_last(tuples))

**Link :**

<http://103.53.53.18/mod/vpl/forms/submissionview.php?id=317&userid=1673>

**Output :**

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**Result :**

Thus the program to sort the given non-empty tuples increasing order by the last element in each tuple is executed and output is obtained.