**Exercise No: 8**

**Date: 23.11.2020**

**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\_of\_tuples):*

*return sorted(list\_of\_tuples,key=last)*

*n=int(input())*

*lst=[]*

*cube=[]*

*for i in range(n):*

*a=int(input())*

*lst.append(a)*

*b=a\*a\*a*

*cube.append(b)*

*list\_of\_tuples=list(zip(lst,cube))*

*print(list\_of\_tuples)*

*print(sort(list\_of\_tuples))*

**Link:**

http://103.53.53.18/mod/vpl/forms/submissionview.php?id=317&userid=1661

**Output:**

*3*

*2*

*4*

*6*

*[(2, 8), (4, 64), (6, 216)]*

*[(2, 8), (4, 64), (6, 216)]*

**Result:**

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 has been successfully completed