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In [34]: #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
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l1=[]  
n=int(input("enter the number of tuples for list = "))  
for i in range(0,n):  
    y=tuple(map(int,input().split(" ")))  
    l1.append(y)  
  
print("the input taken is = ")  
print(l1)  
c=0  
for i in range(0,int(n)):  
    for j in range(0,n-i-1):  
        if (l1[j][-1]>l1[j+1][-1]):  
            c=l1[j]  
            l1[j]=l1[j+1]  
            l1[j+1]=c  
print("the sorted output is = ")  
print(l1)
```

```
enter the number of tuples for list = 5  
2 5  
1 2  
4 4  
2 3  
2 1  
the input taken is =  
[(2, 5), (1, 2), (4, 4), (2, 3), (2, 1)]  
the sorted output is =  
[(2, 1), (1, 2), (2, 3), (4, 4), (2, 5)]
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