



**EXPERIMENT – 2.2**

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**Branch: CSE**

**Semester: 4<sup>th</sup>**

**Subject Name: Programming in Python lab**

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**Date of Performance:**

**Subject Code: 21CSP-259**

**Aim:**

1. 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
2. Write a Python program to print a specified list after removing the 0th, 4th and 5th elements, Sample List : ['Red', 'Green', 'White', 'Black', 'Pink', 'Yellow'], Expected Output : ['Green', 'White', 'Black']

## Source code:

- 1.) 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

```
def last(n):  
    return n[-1]  
  
def sort(tuples):  
    return sorted(tuples, key=last)  
  
a=[(1, 3), (3, 2), (2, 1), (5, 5), (2, 4)]  
print("Sorted:")  
print(sorted(a))
```

## Output:

Shell	Clear
Sorted: [(1, 3), (2, 1), (2, 4), (3, 2), (5, 5)] >	



## Source code:

- 2.) Write a Python program to print a specified list after removing the 0th, 4th and 5th elements, Sample List : ['Red', 'Green', 'White', 'Black', 'Pink', 'Yellow'], Expected Output : ['Green', 'White', 'Black']

```
list1 = ['Red', 'Green', 'White', 'Black', 'Pink', 'Yellow']  
del list1[5]  
del list1[4]  
del list1[0]  
  
print(list1)
```

## Output:

```
Shell Clear  
['Green', 'White', 'Black']  
> |
```