

NAME -RAJDEEP JAISWAL

UID – 20BCS2761

SEM – 4<sup>TH</sup>

BRANCH – BTECH CSE

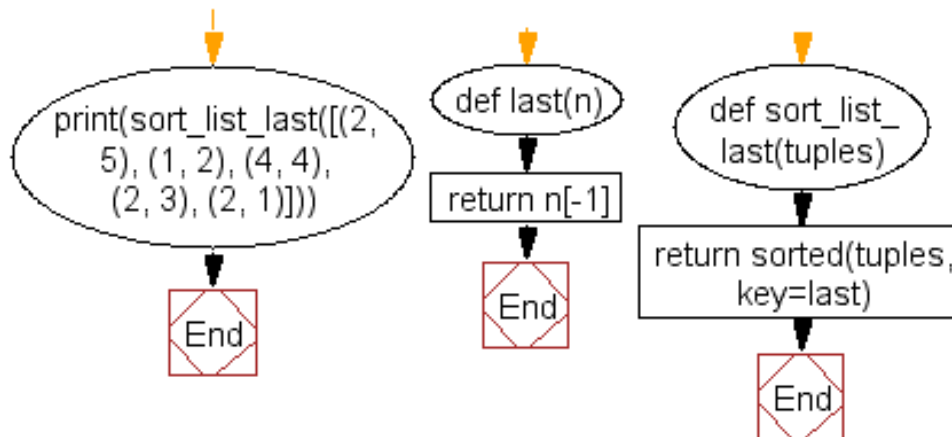
SUBJECT – PYTHON LAB

DATE – 22 MARCH 2022

1. Q -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.

SOL

FLOWCHART



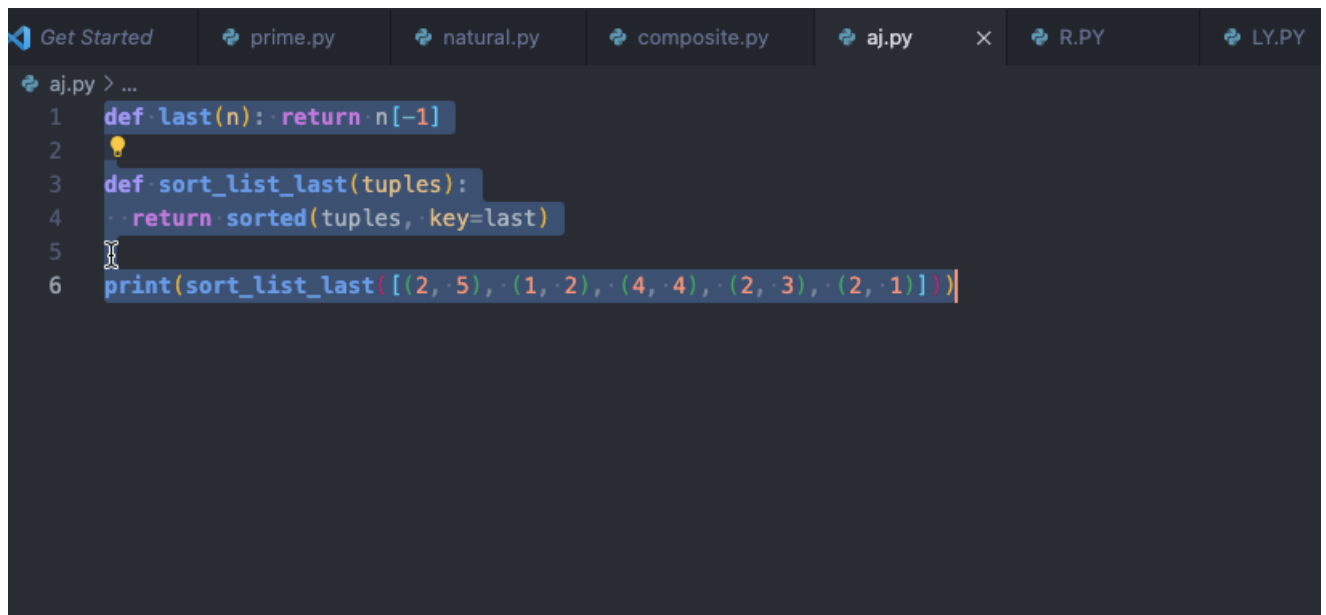
CODE IN TEXT –

```
def last(n): return n[-1]

def sort_list_last(tuples):
    return sorted(tuples, key=last)

print(sort_list_last([(2, 5), (1, 2), (4, 4), (2, 3), (2, 1)]))
```

## CODE IN COMPILER –



```
Get Started prime.py natural.py composite.py aj.py x R.PY LY.PY
aj.py > ...
1 def last(n): return n[-1]
2
3 def sort_list_last(tuples):
4     return sorted(tuples, key=last)
5
6 print(sort_list_last([(2, 5), (1, 2), (4, 4), (2, 3), (2, 1)]))
```

## OUTPUT



```
aj.py > ...
1 def last(n): return n[-1]
2
3 def sort_list_last(tuples):
4     return sorted(tuples, key=last)
5
6 print(sort_list_last([(2, 5), (1, 2), (4, 4), (2, 3), (2, 1)]))
```

PROBLEMS OUTPUT TERMINAL 2: Code

```
python -u "/Users/rajdeepjaiswal/Desktop/Codes/py practice/aj.py"
rajdeepjaiswal@Rajdeeps-Air py practice % python -u "/Users/rajdeepjaiswal/Desktop/Codes/py practice/aj.py"
[(2, 1), (1, 2), (2, 3), (4, 4), (2, 5)]
rajdeepjaiswal@Rajdeeps-Air py practice %
```

