# KNC 402 Python Lab

## Ashutosh Joshi 1900320130047

Check all files here at github

#### Practical 9

#### Output

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

C:\Users\microlab\Desktop\knc-402-python-lab>python lab9.py
Lab 9 by Ashutosh Joshi
Element is present at index 3
```

#### Practical 10

#### Output

```
C:\Users\microlab\Desktop\knc-402-python-lab>python lab10.py
Lab 10 by Ashutosh Joshi
Original list: [41, 59, 26, 53, 59, 4, 6, 786, 33, 2]
Sorted list: [4, 6, 26, 33, 41, 53, 59, 59, 786, 2]
```

#### Practical 11

```
🦺 lab11.py 🛛 🗡
🥏 lab11.py > ...
       print("Lab 11 by Ashutosh Joshi")
       def insertionSort(array):
            for step in range(1, len(array)):
                key = array[step]
               while j >= 0 and key < array[j]:</pre>
                    array[j + 1] = array[j]
                array[j + 1] = key
 11
 12
 13
       L = [41, 59, 26, 53, 59, 4, 6, 786, 33, 2]
       print("Original list: ",L)
 15
       insertionSort(L)
       print("Sorted list: ",L)
 16
```

### Output

```
C:\Users\microlab\Desktop\knc-402-python-lab>python lab11.py

Lab 11 by Ashutosh Joshi

Original list: [41, 59, 26, 53, 59, 4, 6, 786, 33, 2]

Sorted list: [2, 4, 6, 26, 33, 41, 53, 59, 59, 786]
```