4장 실습 #3

- 다음 코드를 작성해서 결과를 확인해 볼 것

4장 실습3.py - E:₩23년1학기 강의₩기초인공지능_2023_1₩강의자료₩4장 조건문, 리스트₩4장 실습3.py (3.9.2)

File Edit Format Run Options Window Help

```
L = [27, 19, 43, 28, 1]
print("L = ", L)
print("1. Sort the elements in list L in descending order")
L.sort(reverse=True)
print("L = ", L)
print("2. After deleting the last element in list L, print out the deleted data")
data = L.pop()
print("Deleted data is", data)
print("L = ", L)
print("3. Add the deleted data as the first element in list L")
L.insert(0, data)
print("L = ", L)
print("4. Receive the index number of list L and delete the element at that location if it is a valid index value")
idx = int(input("Enter index num : "))
if 0 <= idx < len(L) :
    L.pop(idx)
else :
    print("error : out of bound")
print("L = ", L)
print("5. Add the entered data to the end of list L")
data = input("Enter any type data : ")
L.append(data)
print("L = ", L)
print("6. Print out whether the received data exists in list L")
data = input("Enter data to find : ")
if data in L :
    print("Found!")
else:
    print("No found!")
```

Ln: 30 Col: 0

- 출력

```
L =  [27, 19, 43, 28, 1]
1. Sort the elements in list L in descending order
L =  [43, 28, 27, 19, 1]
2. After deleting the last element in list L, print out the deleted data
Deleted data is 1
L =  [43, 28, 27, 19]
3. Add the deleted data as the first element in list L
L =  [1, 43, 28, 27, 19]
4. Receive the index number of list L and delete the element at that location if it is a valid index value
Enter index num : 3
L =  [1, 43, 28, 19]
5. Add the entered data to the end of list L
Enter any type data : sogang
L =  [1, 43, 28, 19, 'sogang']
6. Print out whether the received data exists in list L
Enter data to find : 43
No found!
>>>
```