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# list operation

list = [1,2,3,4,5]

# insert the elements at the end
list.append(3)
print(list)

# insert the elements at the given position
list.insert(2,"Rohan")
print(list)

# find the length of the list
print(len(list))

# remove the elements in a last index
list.pop()
print(list)

# remove at the given index
list.pop(2)
print(list)

# remove the given elements
list.remove(3)
print(list)

print("\n2D list\n")
#2D list
a = [1,2,3,4,5]
b = [9,8,7,6,5]
c = [a,b]
print(c)

#insert the new list at the given index
d = [3,4,5,6]
c.insert(1,d)
print(c)

# insert the list at the last index
c.append([3,4,5,6,7])
print(c)

# delete the last list
c.pop()
print(c)

#delete the list at the given index
c.pop(1)
print(c)

```