

```
In [3]: ▶ # creating a list
list=[1,2,3,4,5]
#Adding an element to the list
list.append(6)
print(list)
#removing an element from the list
list.remove(5)
print(list)
#modifying an element in the list
list[2]=15
print(list)
#inserting an element in the list
list.insert(3,45.0)
print("updated list-",list)
```

```
[1, 2, 3, 4, 5, 6]
[1, 2, 3, 4, 6]
[1, 2, 15, 4, 6]
updated list- [1, 2, 15, 45.0, 4, 6]
```

```
In [9]: ▶ # creating a dictionary
dict={"employee":"amlan","salary":100000,"job":"manager"}
#adding a key value pair to the dictionary
dict["manager"]="male"
print(dict)
#removing a key value pair from the dictionary
del dict["job"]
print(dict)
# modifying the value in the dictionary
dict["employee"]="arpit"
print("updated dictioary-",dict)
```

```
{'employee': 'amlan', 'salary': 100000, 'job': 'manager', 'manager': 'male'}
{'employee': 'amlan', 'salary': 100000, 'manager': 'male'}
updated dictioary- {'employee': 'arpit', 'salary': 100000, 'manager': 'male'}
```

```
In [7]: ▶ # tuple
tuple= (1,2,3)
# add new element to the tuple
element= 4
my_tuple=tuple+(element,)
print(my_tuple)
# remove an element form the tuple
my_tuple=tuple[:1]+tuple[2:]
print(my_tuple)
#modifying a element in the tuple
mod_element=5
my_tuple=tuple[:1]+(mod_element,)
print(my_tuple)
```

```
(1, 2, 3, 4)
(1, 3)
(1, 5)
```

