

```
In [1]: #create a list
list=[6,7,8,9]
#adding an element to the list
list.append(5)
#removing an element from the list
list.remove(8)
#modifying an element in the list
list[0]=4
print("updated list:",list)
```

updated list: [4, 7, 9, 5]

```
In [6]: #create a dictionary
dict={"name":"rakesh","age":40,"city":"ballia"}
#adding an element to the dictionary
dict["gender"]="male"
#removing an element from the dictionary
dict["city"]
#modifying an element in the dictionary
dict["age"]=30
print("update dictionary:",dict)
```

update dictionary: {'name': 'rakesh', 'age': 30, 'city': 'ballia', 'gender': 'male'}

In [ ]:

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In [7]: #create a set
set={5,6,7,8}
#adding an element to the set
set.add(9)
#removing an element from the set
set.remove(5)
#modifying an element in the set
set2={9,10,11}
set.update(set2)
print("updated set:",set)
```

updated set: {6, 7, 8, 9, 10, 11}

In [ ]: