```python
In [1]:  #creating a List
         list_=[10,20,30,40]
         print('list at begining', list_)

         #appending an element to list
         list_.append(50)
         print(list_)

         #removing an element from list
         list_.remove(30)
         print(list_)

         #modifying an element in the list
         list_[3]=60
         print('updated list',list_)
```

```
list at begining [10, 20, 30, 40]
[10, 20, 30, 40, 50]
[10, 20, 40, 50]
updated list [10, 20, 40, 60]
```

```python
In [2]:  #creating a set
         set_={20,30,40,50}
         print('set at begining', set_)

         #adding an element to set
         set_.add(70)
         print(set_)

         #removing an element from set
         set_.remove(20)
         print(set_)

         #modifying an element in the set
         set_.discard(40)
         set_.add(26)
         print('updated set',set_)
```

```
set at begining {40, 50, 20, 30}
{70, 40, 50, 20, 30}
{70, 40, 50, 30}
updated set {70, 50, 26, 30}
```

```
In [3]:  #creating a dictionary
         dict_={'name':'Avanthi',"age":20}
         print('dictionary at begining', dict_)

         #adding an element to dictionary
         dict_['city']='Hyderabad'
         print(dict_)

         #removing an element from dictionary
         del dict_['age']
         print(dict_)

         #modifying an element in the dictionary
         dict_['city']='Banglore'

         print('updated dictionary',dict_)
```

```
dictionary at begining {'name': 'Avanthi', 'age': 20}
{'name': 'Avanthi', 'age': 20, 'city': 'Hyderabad'}
{'name': 'Avanthi', 'city': 'Hyderabad'}
updated dictionary {'name': 'Avanthi', 'city': 'Banglore'}
```

In [ ]: