```
#list
#creating an empty list
list1=[]

#creating a list of numbers
list2=[1,3,5,7]

#creating a list of strings
list3=["apple", "mango", "grapes"]

#accessing elements from the list
print(list2[3])
print(list3[2])
```

```
7
grapes
```

```
#adding elements to the list
list2.append(6)
list2.append(7)
list3.append("orange")

#using insert method
list3.insert(2, "kiwi")

#modifying the elements in the list
list2[2]=9
list3[1]="banana"

#renoving the elements from the list
list3.remove("banana")

#printing
print("Elements in the list2:",list2)
print("Elements in the list3:",list3)
```

```
Elements in the list2: [1, 3, 9, 7, 6, 7]
Elements in the list3: ['apple', 'kiwi', 'grapes', 'orange']
```

```
#dictionaries
#creating an empty dictionary
dict={}

#creating a dictionary
dict1={1:"apple", 2: "orange",3: "kiwi"}

#accesing elements
print(dict1[2])
```

```
orange
```

```
#adding elements
dict1[4]="grape"
dict1[5]="mango"

#modifying elements
dict1[1]="banana"

#renoving the key value pair
del dict1[2]

#printing
print("Elements in the dict1:", dict1)
```

```
Elements in the dict1: {1: 'banana', 3: 'kiwi', 4: 'grape', 5: 'mango'}
```

```
#sets
#creating a set
set1={"apple", "banana", "orange"}

#adding elemets
set1.add("mango")
set1.add("strawberry")
```

```
#removing elements
set1.remove("banana")
set1.discard("orange")

#modifying
#removing and add elements.

set1.remove("apple")
set1.add("kiwi")

#printing
print("Elements in the set:", set1)
```

```
Elements in the set: {'mango', 'strawberry', 'kiwi'}
```

+ Code + Text