```
#List basic operations
#creating an empty list
list1 = []

#adding elements into the list
list1.append("1")
list1.append("2")
list1.append("3")
list1.append("4")

#removing the elements from the list
list1.remove("2")
del list1[2]

#modifying a value in the list
list1[0] = 'mango'

#printing elements of the list
print("Elements from list: ",list1)
```

```
Elements from list:  ['mango', '3']
```

+ Code + Text

```
#Dictionary basic operations
#creating an empty dictionary
dict1 = {}
dict2 = {'1' : 'apple','2': 'banana','3':'orange'}

#adding key-value pairs to the dictionary
dict1["suchi"] = 4
dict1["ish"] = 5
dict1["sravs"] = 9

dict2["4"] = "grapes"
dict2["5"] = "berry"

#removing the elements from the dictionary
del dict1["ish"]
del dict2["3"]

#modifying a value in the dictionary
dict1["apple"] = 10

dict2["2"] = "mango"

#printing elements of the dictionary
print("Elements from dictionary1: ",dict1)
print("Elements from dictionary2: ",dict2)
```

```
Elements from dictionary1:  {'suchi': 4, 'sravs': 9, 'apple': 10}
Elements from dictionary2:  {'1': 'apple', '2': 'mango', '4': 'grapes', '5': 'berry'}
```

```
#Set basic operations
#creating an empty set
set1 = set()

#adding elements to the set
set1.add("ice")
set1.add("berry")
set1.add("blackcurrent")
set1.add("grape")

#removing the elements from the set
set1.remove("berry")
set1.remove("blackcurrent")

#modifying a value in the set
set1.discard(2)
set1.add("mango")

#converting to a list to modify ,then converting back to a set
temp_list = list(set1)
temp_list[0] = "cream"
set1 = set(temp_list)

#printing elements of the set
print("Elements from set: ",set1)
```

```
Elements from set:  {'grape', 'ice', 'cream'}
```