

List

```
my_list=[1,2,3,4,5]
print(my_list)
```

```
↵ [1, 2, 3, 4, 5]
```

```
#Adding an element in the list
my_list.append(6)
print(my_list)
```

```
↵ [1, 2, 3, 4, 5, 6]
```

```
#Removing an element from the list
my_list.remove(1)
print(my_list)
```

```
↵ [2, 3, 4, 5, 6]
```

```
#Modifying the list
my_list[0]=10
print(my_list)
```

```
↵ [10, 3, 4, 5, 6]
```

Dictionary

```
my_dictionary={"name":"shyam","age":22,"gender":"male"}
print(my_dictionary)
```

```
↵ {'name': 'shyam', 'age': 22, 'gender': 'male'}
```

```
#Adding an element to the dictionary
my_dictionary["city"]="rourkela"
print(my_dictionary)
```

```
↵ {'name': 'shyam', 'age': 22, 'gender': 'male', 'city': 'rourkela'}
```

```
#Removing an element from dictionary
del my_dictionary["age"]
print(my_dictionary)
```

```
↵ {'name': 'shyam', 'gender': 'male', 'city': 'rourkela'}
```

```
#Modifying the dictionary
my_dictionary["email"]="sahoo@1982"
print(my_dictionary)
```

```
↵ {'name': 'shyam', 'gender': 'male', 'city': 'rourkela', 'email': 'sahoo@1982'}
```

Set


```
my_set={1,"A",2,3,"D"}
print(my_set)
```

```
↵ {1, 2, 3, 'A', 'D'}
```


```
#Adding an element in the set
my_set.add("z")
print(my_set)
```

```
↵ {1, 2, 3, 'z', 'A', 'D'}
```

```
#Removing an element from the set
my_set.remove(1)
print(my_set)
```

 {2, 3, 'z', 'A', 'D'}

```
#modifying the set  
my_set.update("x","m")  
print(my_set)
```

 {2, 3, 'k', 'z', 'A', 'x', 'm', 'D'}