**List and dictionary manipulation**

**List:**

List is a collection of data that can be primitive or non-primitive or both primitive or non-primitive and we represent list with[] and every lust item is separated by commas.

Eg:[1,2,3]

**List manipulation:**

**1.creating a list:** To create a list

Eg: my\_list=[10,20,30,40,50]

**2.Accessing Elements:** To access the Elements

Eg:print(my\_list[0])

**3.Adding Elements:** To add the elements

Eg:my\_list.append(50)

**4.Removing Elements:** To remove the Elements

Eg:my\_list.remove(30)

**5.Modifying Elements:** To modify the Elements

Eg:my\_list[2]=90

**Dictionary:**

Dictionary is nothing but collection of data which store data in the form of key-value pairs.

Eg: details={

“id”:1,

“name”:”ravi”

}

**Dict manipulation:**

**1.Creating a dict:** To create the dictionary

Eg:my\_dict={‘name’:’alice’,’age’:25,’city’:’New york’}

**2.Accessing values:** To Access the values

Eg:print(my\_dict[‘name’])

**3.Adding key-value:** To add key-values

Eg:my\_dict[‘email’]=’alice@example.com’

My\_dict[‘age’]=26

**4.Removing items**: To remove the items

Eg:my\_dict.pop(‘city’)