**Que.1-common list operations : concatenation , repetition and membership.**

**Ans.**

* Concatenation: It means Joining 2 or more list into a another variable or Larger List. Concatenation Process Perform Action by ‘+’ operator.

Example.,

List1=[‘Bhavnagar’,’Jamnagar’,’Gandhinagar’]

List2=[‘Morbi’,’Surat’,’Rajkot’,’Junagadh’,’Mehsana’]

Print (List1+List2)

* Repetition: It means creating a new list by repeating the elements of existing list.

Example.,

List1=[‘Soham’,’Raj’,’Dev’,’Krish’,’Harsh’]

For I in range(1,6):

Print(List1) #List displayed 5 Time

* Membership: Membership is which process ,that using check specific element is present within list.

Example.,

List=[‘White’,’Pink’,’Red’,’Orange’,’Blue’]

Check\_Element1=”Pink” in List

Check\_Element2=”Green” in List

Print(Check\_Element1)

Print(Check\_Element2)

**Que.2-Understanding list Methods like append(),insert(),remove(),pop().**

**Ans.**

Append()-append() method is using for added value in ending of list.

Example.,

List=[12,24,36,48,60,72,84,96,120]

List.append(555) #add 555 to ending of list

print (List)

**Insert()-insert() method is using for added value in specific index value.**

**Example.,**

**List=[‘abc’,’def’,’jkl’,’mno’]**

**List.insert(2,’ghi’)**

**print (List)**

**remove()-remove() method is using for remove specified element in list.**

**Example.,**

**List=[‘abc’,’def’,’ghi’,’jkl’,’mno’]**

**List.remove(‘def’)**

**print (List)**

**pop()-pop() method is using for remove at ending element in list.**

**Example.,**

**List=[‘abc’,’def’,’ghi’,’jkl’,’mno]**

**List.pop()**

**print (List)**