**Assignment four (7/2/2024)**

**Qn1. How do we use list comprehension in python**

List programming is an important tool to create a new list by doing some kind of operations on a existing list. The for loop is used to create a new list from and existing list.

For example, if we want to create a new list with natural number then;

*Number= [ x+=x for x in range (1,11)]*

*Print(Number)*

**Qn2. How do we remove an element from a list using pop method.**

To remove an item using pop method, you first need to type the list name then add .pop and write the index of the item which you want to remove from the list.

For example, *number=[1,2,3,4,5,6]*

*number.pop(4)*

*print(number)*

**Qn3. How do we delete in a dictionary.**

The pop method is used to delete in a dictionary.

For example, *dict1={ ‘a’:1, ‘b’:2, ‘c’:3}*

*dict1.pop(‘b’)*

*Print(dict1)*