ASSIGNMENT-3

Q1. Create an Array in python using the list and perform delete from any position operation

```
array=[4,77,8,2,44,5,7,5,100,3,1,7,88,9,4,6,22,8,2]
array.remove(100)                        #Removes that element
array.pop(2)                             #remove element at a specified posit
ion
array
```

Output: [4, 77, 2, 44, 5, 7, 5, 3, 1, 7, 88, 9, 4, 6, 22, 8, 2]

Q2. What is constructor? Mention the task of the constructor.

The constructor is a method that is called when an object is created. This method is defined in the class and can be used to initialize basic variables. If you create four objects, the class constructor is called four times.

Constructors are generally used for instantiating an object. The task of constructors is to initialize(assign values) to the data members of the class when an object of class is created. In **Python** the __init__() method is called the constructor and is always called when an object is created.

Syntax of constructor declaration :

def __init__(self):

   # body of the constructor