**TOPICS on 12 February**

1.Conversion to list

2.to add multiple values:

3.to insert()

4.based on the index value to add the elemnt into array:

5.to insert multiple values in the array

6. Deleting one element from the array

7.to delete number of values in array:

8.to delete based on index position:

9.to delete multiple values based on index position:

10.Filter in numpy

11.print the values < 20 and values >50

12.for and operation using & for or operation use

13.to create array full of zeroes

14.to create 1d array full of zeros

15.to create 2d array full of zeros

16.to create array full of ones

17.type convert the element in to the array

18.to find the numpy data type of element present in array-->dtype

19.to create one's with int dtype

20.we can convert the values into various bits

21.they are

* int8,int16,int32,int64
* float16,float32,float64
* complex64,complex128
* unit32,unit16

22.how to craete range of element as array

23.how to convert a 1d array to multidimensional array

24.how to create array of identity matrix

25.how to perform slicing in multidimensional array

26.how to find mean,median,sum,variance,standard deviation of an array