```
25-05-2025
```

Agenda:

Boilt in tunction

Numpy

## Bustin - function

add, sob, print, len, enumerate, range

(1) lampda tunchan

one-line function < what it is?

tuilfunction, it would be overlail - when to use?

Syntax: -

lampaa argument i expression

det square (x):

retun X<sup>2</sup>

I lambdy function

lambda x: x\*\*2

1

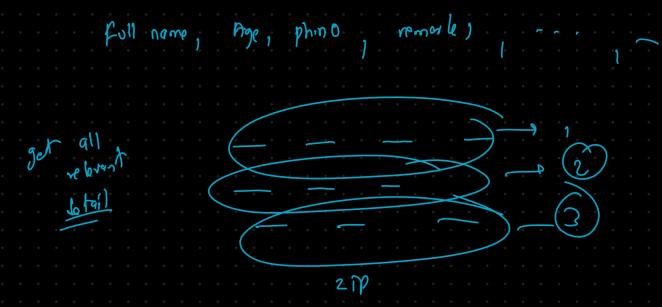
32

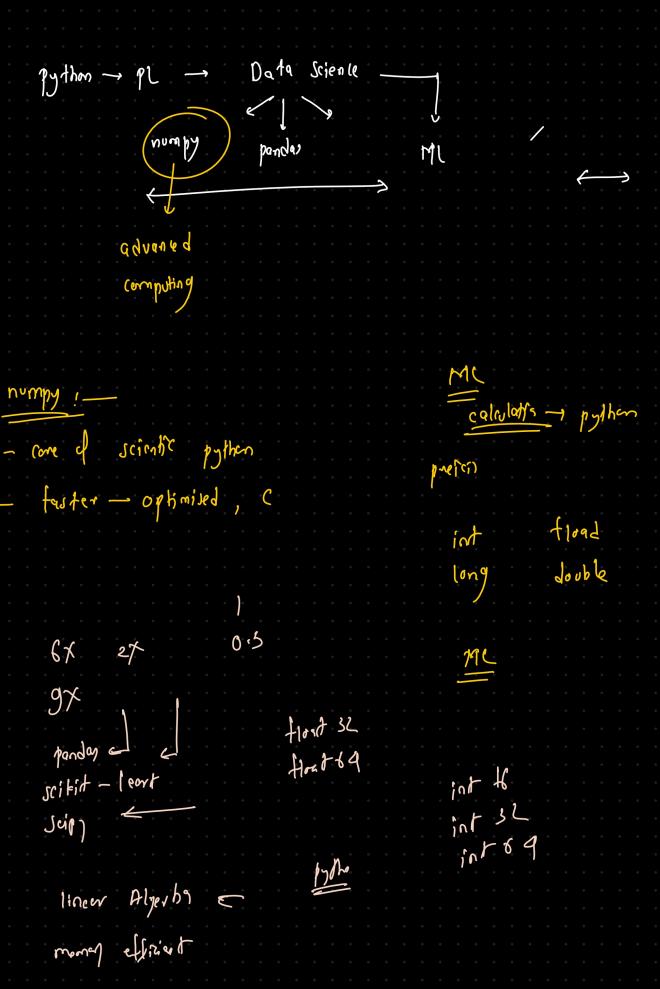
ηĺ

22 = 282

32 = 383

```
(2)
 Sort
  map (function, ; terable
                                 add = lambda x,y: xty
Square = lambda X:
                     γ * γ
 Idnous (1)
Javare (2)
 a=[1,2,3,4]
 revut=[]
 r = Square (1)
  rejult. append (V)
   map ( square, q)
                      map offer -11,1-
    object
     ipit
     vout
```





# array - datatige - c, ctt, sara

11st = [ 1,2,1 " Hello", & 1,27]

arroy = [ 1,2,3,4] y values of same data Aspe)

amg-2 = [ "Hollo", "Tes"]

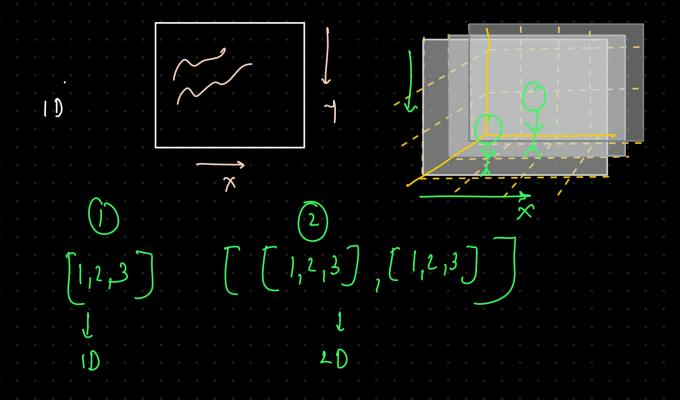
arry - numpy - ndarre, - some dats

[ 1,1] -, 10 list

[[1,2],[1,2]]

DC - Host - model

 $\begin{bmatrix}
\begin{bmatrix}
1_{12} \\
0
\end{bmatrix}, \begin{bmatrix}
1_{12} \\
0
\end{bmatrix}, \begin{bmatrix}
1_{12} \\
0
\end{bmatrix}
\end{bmatrix}$ 



$$\frac{2D}{\left[\begin{bmatrix} 1,2,3 \end{bmatrix}, \begin{bmatrix} 1,2,3 \end{bmatrix}, \begin{bmatrix} 1,2,3 \end{bmatrix}, \begin{bmatrix} 1,2,3 \end{bmatrix}, \begin{bmatrix} 1,2,3 \end{bmatrix}\right]}$$

print(npz\_3)