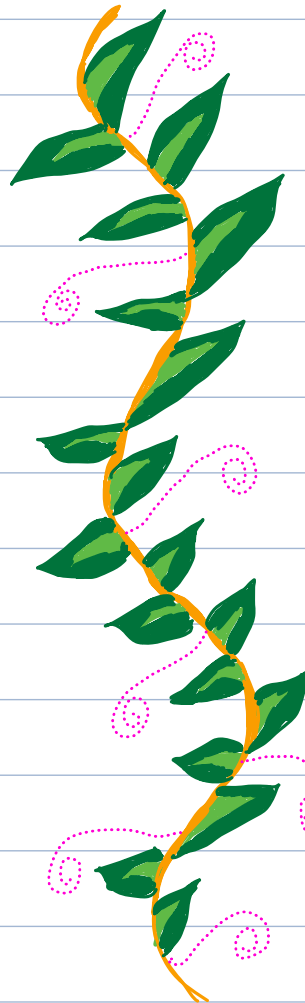


## \* Agenda :

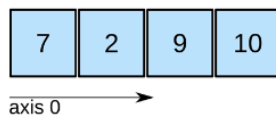
- 2D matrices
- Indexing in 2D matrices
- Slicing in 2D matrices
- fancy indexing
- Aggregate functions
- Any v/s All



## \* Indexing & Slicing in arrays (numpy) :

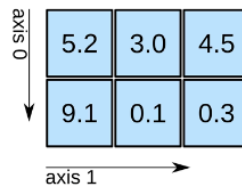
→ Indexing in Numpy arrays is same as of python lists

1D array



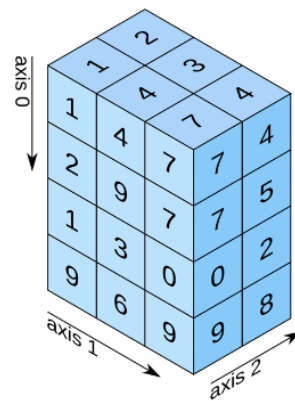
shape: (4,)

2D array



shape: (2, 3)

3D array



shape: (4, 3, 2)

axis 0 → vertically  
axis 1 → horizontally