Num Py Armay Indexing Negative Indexing Im bost enmbh or ub are = op. array ([[1]]) [6,7,8,9,10]) Point (Last classent from 2nd dim! arm [,-1] Dutput Nampy Browny Slicing [storet; end] [stert: end; step] If we don't pass start uto considered O step n n n imbast unabla on ub (Daint (ass [7:2]) Output [2,3,45 5 will not be those because we know the vill not prive out.

2) arr = np. arroy ([1,2,3,4,5,6,2]), ( ) being ( ass [4:] and Kart I the toll Output -L5,6,7 「日ここの上」ではりいから 1mper 1 mper 1 ([1,12,3,4,5,6,7]) import numpy as np boint ( ass [:4]) Output [1,2,3,4] regative sering as of [1,2,3,4,5,6,7])

import oumpy as of ([1,2,3,4,5,6,7])

point (aro [-3,-4]) Output S 2 - 1 ] | FURTO 1 1 W = 1 25 [5,6] Return every other class ent form index I STEP 1) impost sumpy ([112,13,4,15,6,7]) print-(arr [1:5:2]) Output [294] 2) impost sumpy ([1,213,415.1617]) beint (ass [: 5]) Output (4318,7)

## Sticing 5-6 Wesand ([[213,412],[6,7/8:3/70]

Dutout (ass [I])

2) imax 1

2) impost surself as sop ass = sop. assay ([[1,2,5,4,5],[6,7,8,9,10]]) point (ass [0:2,2]

Dulput

口3,8]

3) sompert survey as mp arr = mp. array ([[1,213,415],[6,718,91,10]] print (arr [0:2,1:4))