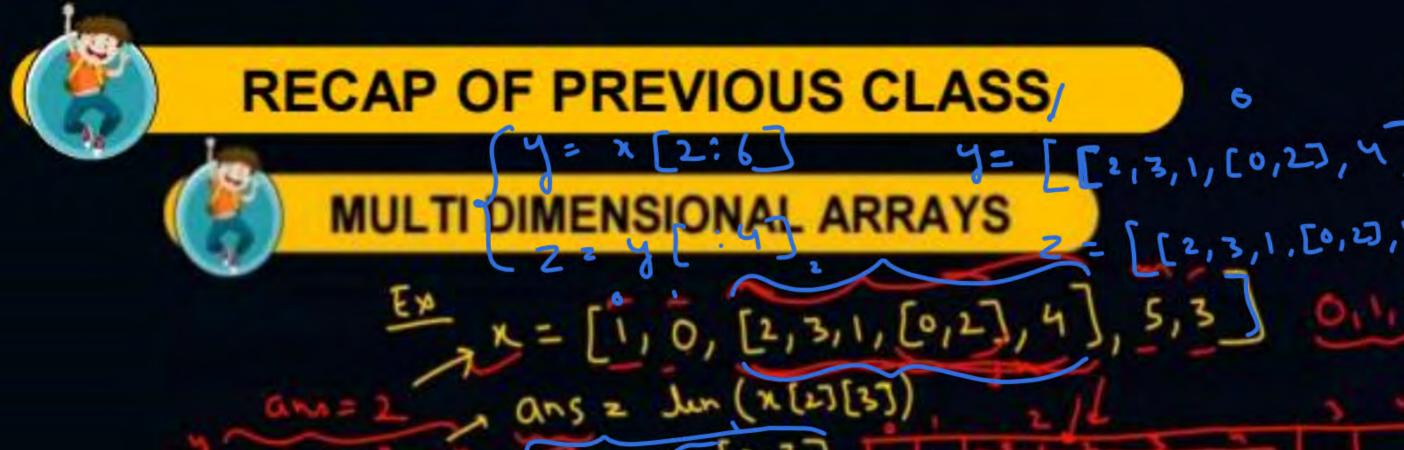
COMPUTER SCIENCE AND DA

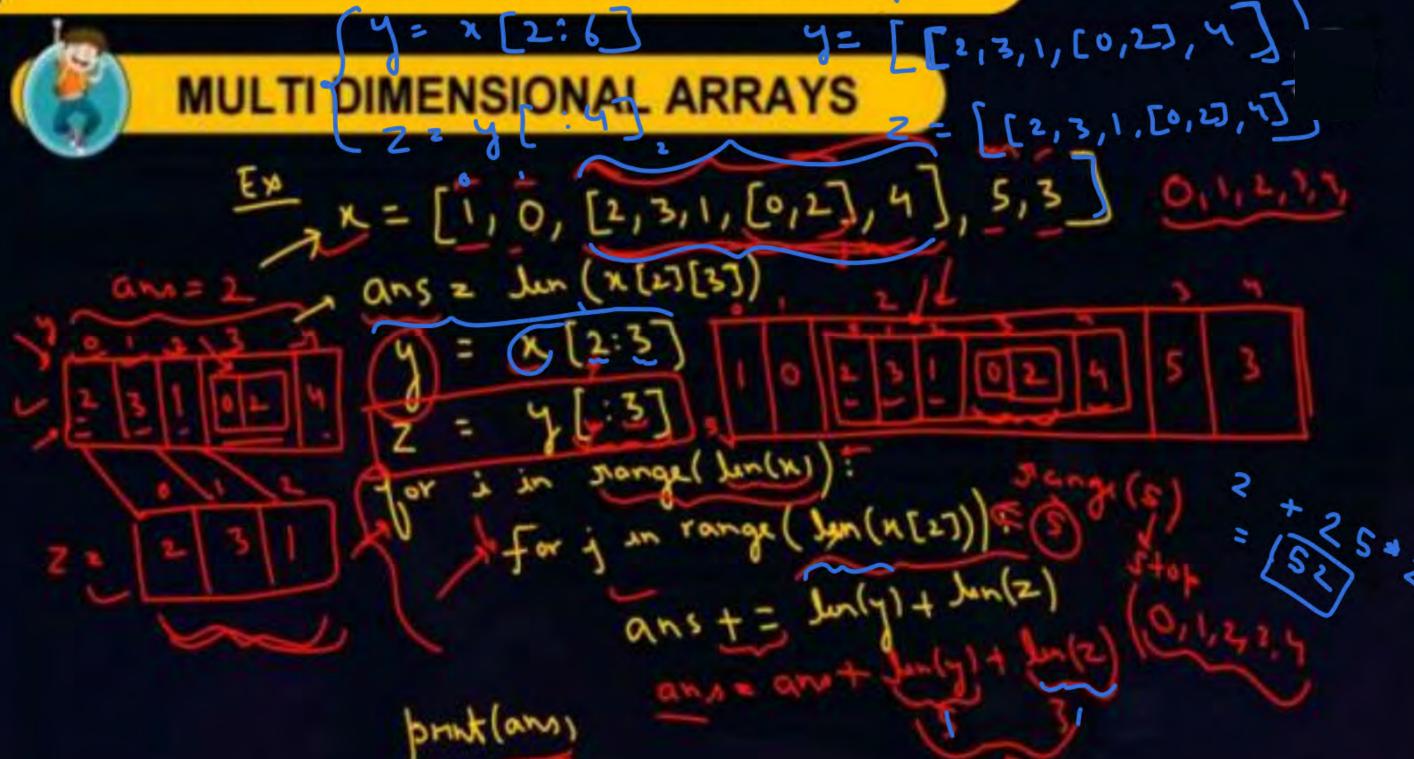
Data Structures through Python

Lists and Arrays



Lecture No. 03











TOPICS TO BE COVERED



Mulh-Dimensional Array

2) Problem



Multi Dimensional Array



$$\alpha = [1, 2, 3, [4, 5, [6, 7, 8], 9], 0]$$

$$b = \alpha[::-1] \Leftrightarrow b = [0, [4, 5, [6, 7, 8], 9], 3, 2, 1]$$

$$0, 0+2+2, d = (::-1] \Rightarrow d = [1, 3, 0]$$

$$0, 0+2+2, d = (::-1] \Rightarrow d = [1, 3, 0]$$

$$0, 12 \Rightarrow \text{ Tends} = \text{Im}(6) + \text{Im}(c) - \text{Im}(d) = 5 + 3 - 3 = 5$$

$$0, 2, 2, 3 \Rightarrow \text{ Tends} = \text{Im}(6) + \text{Im}(c) - \text{Im}(d) = 5 + 3 - 3 = 5$$

$$0, 2, 2, 3 \Rightarrow \text{ Tends} = \text{Im}(6) + \text{Im}(6) = 5 + 3 - 3 = 5$$

$$0, 2, 2, 3 \Rightarrow \text{ Tends} = 5 + 3 - 3 = 5$$

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$$0, 1, 2, 3 \Rightarrow \text{ Tends} = 5 + 3 - 3 = 5$$

$$0, 1, 2, 3 \Rightarrow$$



ARRAY IMPLEMENTATION



unport array [1,2,3]

arr = array.array('i', [1,2,3])

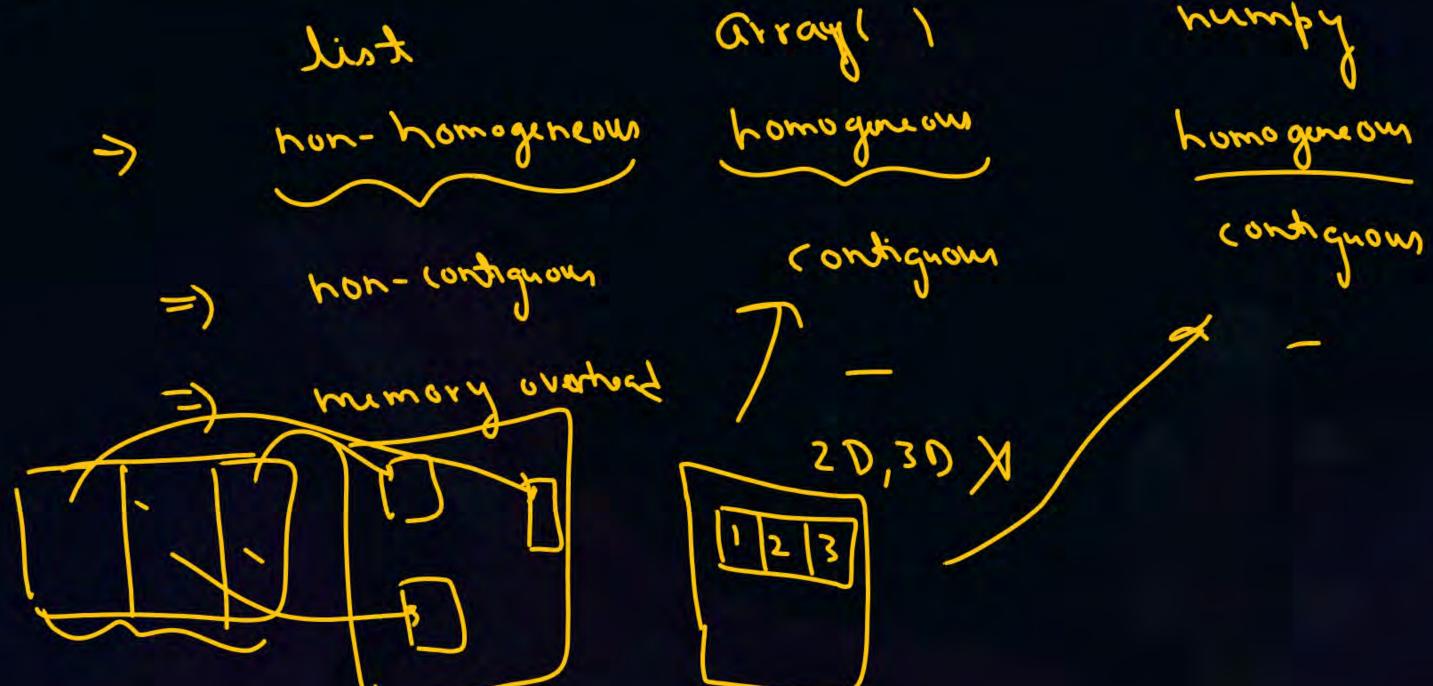
prind (arr[i]) => 2

mumby as no unfort numby as no arr = np. array([1,2,3]) print (arr[2])



COMPARISON







THANK - YOU