COMPUTER SCIENCE AND DA

Data Structures through Python

Stack



Lecture No. 04



TOPICS TO BE COVERED



Mulh-Dimensional Array

2) Problem



STACK IMPLEMENTATION



Stack Implementation wing

unport rumpy as np array2 = np-array([[:,2],[:,7]) array2 = np-array([:,6])

arrays = np. array([7,8])

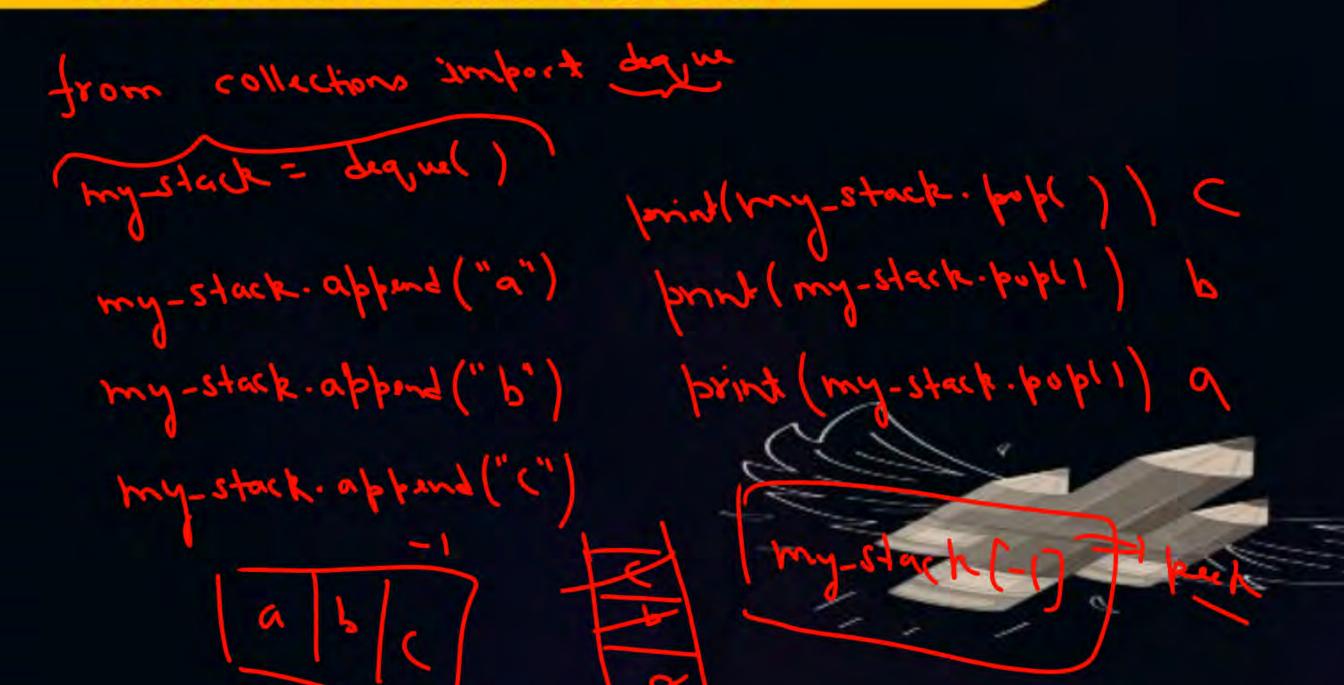
stack = np.stack (array) , arrays, arrays

10 attent (4)



STACK IMPLEMENTATION







STACK IMPLEMENTATION





APPLICATIONS OF STACK



- · Undo oberation
- · Browsing hisdom
 - . Function calling
 - . Recursion
 - . Back tracking
 - (· Parantheis Balancing
 - · Expression conversion
 - Expression Evaluation

func()

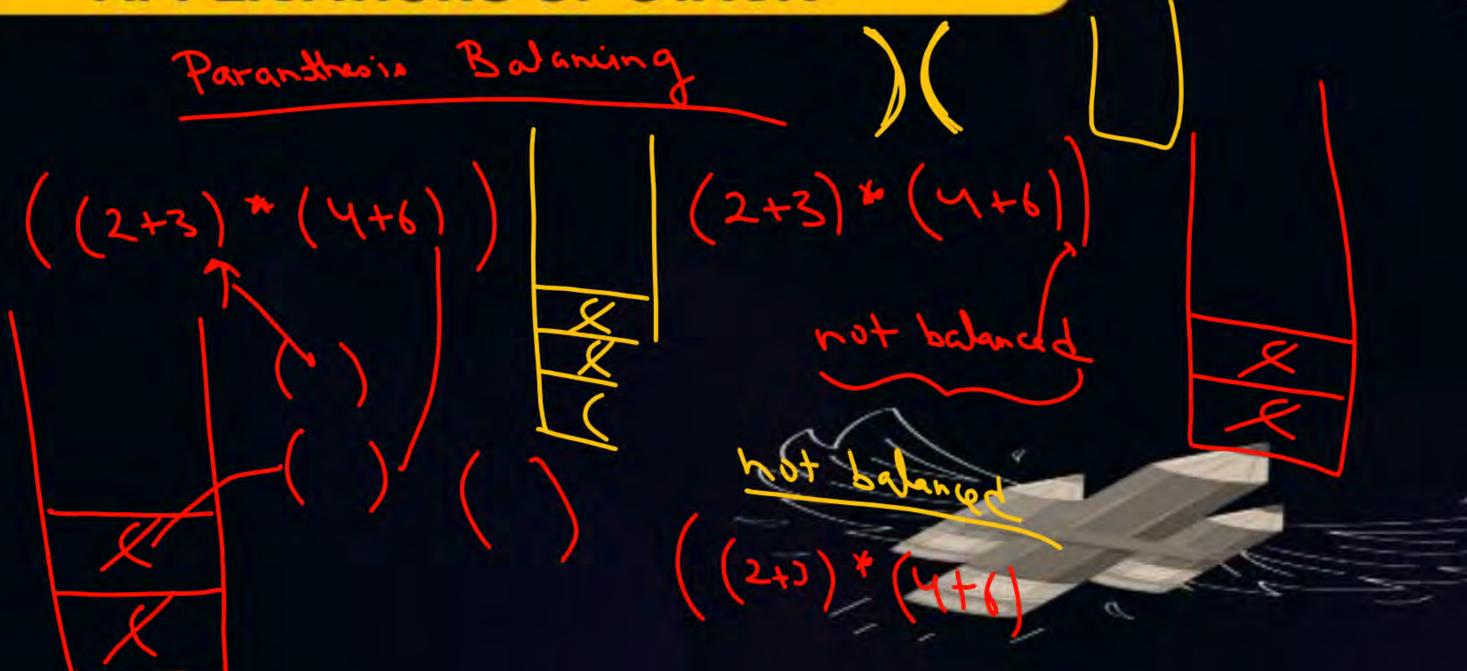
funct):

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APPLICATIONS OF STACK







THANK - YOU

