COMPUTER SCIENCE AND DA

Data Structures through Python

Stack



Lecture No. 01



TOPICS TO BE COVERED



Mulh-Dimensional Array

2) Problem





sinear data structure IFO (Lost In First Out) principle . The element which has been Jant is the first one to be removed. In stack alway the operation is performed only sente ett fe bre ero and that is known as sofa who pot





PUSH = Insertion or Addition of element in stack

Australy tremale to lavorance or noitele (F 909)

PEEK => FICCESS the Element





a) Consider an entry stack S, with below operations performed

stack S

Push(x, s): Push climent : X' into and return

POP(S). POP 70/ element from

PUSH(5,5)

PUSN(7,5) PUSN(9,5)

a = Por(s)

PUSM (12/5)

PUSM (-5,5)

bz pop(s)

a = 9 b=-5







POR a volid The Lady othersele had The order: 112131 XB) 43512 5 54321 X 45321 D) 34215 4352 3 2 34215 (A) (B)



THANK - YOU