Data Science & AI & NIC - Param

Python-For Data Science

Dictionary



Lecture No.- 02

Recap of Previous Lecture









Topic

Dictionary

Topics to be Covered











Topic

Problem Solving



Topic: Problem Solving

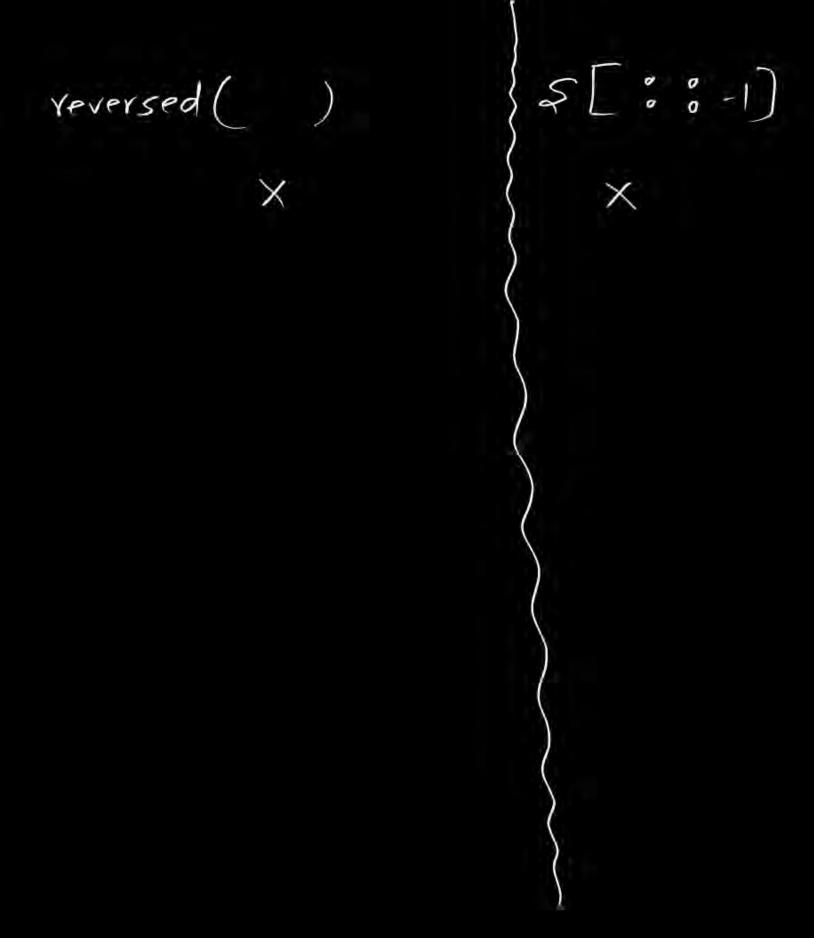




leave special case Peak element 11, 3, 2, 5, 8, 10, 70 list[i]>= list[i-1] 6/6w and list[i] >= list[i+1) array list: 10 elem at index i Peak

n elements return indea of lact elem any inden epment 30index ord ele and last tor every Index

beak



String Reverse

"Pankaj"

Pi a R a 3P
0 1 2 3 4 5

15t - last swelp Swaf [[0], S[5]

=> 2 ele V

(2) 2nd _ 2nd last [2] 2nd _ 3rd last [2], [(3)

23

(5)

7[3]

5

J= n-i-1

(5[00-1)

$$R = [1, 2, 1, 3, 1, 4, 4, 1]$$

 $x = 1$

find no of occusences of occusences of occusences

logic X l. count(x)

$$Q = [[1, 2, 1, 3, 1, 4, 4, 1]]$$
 $Q = [[1, 2, 1, 3, 1, 4, 4, 1]]$

for i in range
$$(0, len(1))$$
;

if $(x = = l[i])$;

 $C = C + 1$

C = 0

$$fl = Set(qni)$$
 $fl = Set(qni)$
 $fl = Set(qni)$
 $fl = fist(fl : union(fl : fl))$
 $fl = fist(fl : union(fl : fl))$

Algorithm Time comp.

more

11=[1,2,3,4,8,80] Find H.W 22 = [4,7,80,100(1000,1100,1352) t me/PWbankajsirP cue can not have 1 Smaller 1,2,3,4,7,8,80,1000,100,1352] 11012

AIML ARahul
AIML ARahul
Maths + 7 7 2500

Maths + 7 7 2500

functions in Python Recursion OOPS No Promise DS Numby, Pandas

Join => list of string

| List of string
| Concalende/join
| Separator => space
| Superator =



THANK - YOU