PAGE BIS. DICTE / /
sion handling.
) ./. table-size
· · · · · · · · · · · · · · · · · · ·
01.5 = 0
07.5=0
1/.5 = 1
1,5 = 3
y
x) + 12) 1/5
, ^
d =

P	vad rati	c pro	bing :

Open Addressing 1-

Linear Probing L

0

2

ok

rehash (key) = (n+1

70

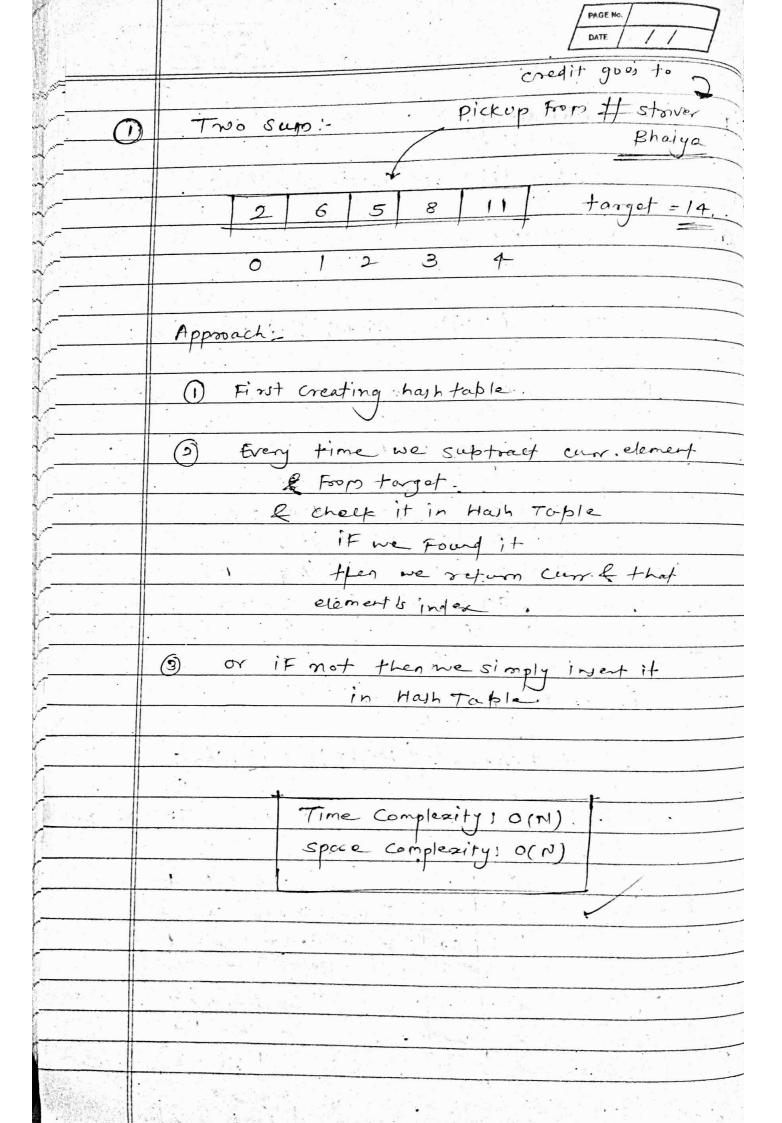
76

93

hash(x)= (hash(x

22, 30 & 50, S=7 Taple size

	T.	A CONTRACTOR OF THE PROPERTY O
0		22 1.7=1
	22	30 1.7 = 2
2	30	50 1.7=1
3		
4		. 50·/.7 + i ²
5	50	5017+12
6	D) 8	1+1=2
		1+22



	Space Complexity; O(N) + O(N) + o(11/200=14	
	Space Complexity a/111 [moins]		
	[bitts]	1.1	
(2)	Longost Conecutive seguence:		
	15/4/3/2/1		
F 1		2	
1 10		3	
- 4	Approach 1	4	
* 1 1		5	
1, ,	Traverse whole array put it in hashset.	to the	
	hashset.	ų —	
10 1 K			
	if curr element previous is present or not		
	if curr element previou	s ele	
	is present or not		
	if present then	•	
1 X	if prevent then we do nothing		
a de car			
	But if not present then a) @	
	sepreh for next elemen	t if	
1	it it is prosent then	we	
	Search Lintil it will.	not exhaut.	
	5 4 3 2/		
17.74		1	
		2	
10/25		3	
2		7	
3	3 7.4	5	
1	4 -> 5 / 2 -> 1 X		
5	5 -> 6 × 1 -> 0 × Do something		
(i) · · ·	and many coath		
	get max ength &		
	print it.		
Mark Company	The state of the s		

	PAGE No.
	DATE //
(3)	Largest suparray with sum OL
	1,-1,3,2,-2,-8,1,7,10,23
-	
	Approach-
-	
	1) First deckning two ranables Sup & max=0;
,-	@ Also unordered map.
	(3 traversilles 41 -
·-	the interior and add it to
	3 traverseing the array and add it to the indix wit adding it to
	5.43
	1 If at some
	De IF at some point we got sum as o
	then we a can subtreet that currinder
	than set aresent.
	because ofthat ele meant
	Sum as 0
	B) Any we update max
J	6) A pepeat this stops until array act
	whole traversed.
	Time complexity = O(N logN)
	space complexity = O(N)

	PROS No.
	Court suparrays with xor as les
	[4,2,2,8,4]
	X0P=0 CN=0.
	Y=XPAK
	Approach L
•	
,	() Travesing the away First
	We do the Xop operation
	a what ever we get we put into
	cinordised, map
-	D when we get 6 that time
	ne put it into set
	2 cleck y=xprx
. *	iF it is get o. then we increase cut.
- 1 - 1	Ve Incresse cut.
	(3) continue this more intil have and
- 1	@ cortinue this process until Array end
100	
171	Time complexity; O(N109N)
D. 1	J. J
	space complexity, O(N)
41.75	
	이 병원 배계 집은 물 병원들이 보고 있는 것이 되었다. 그는 그는 것이 되었다. 그는 이 사람들이 되었다.