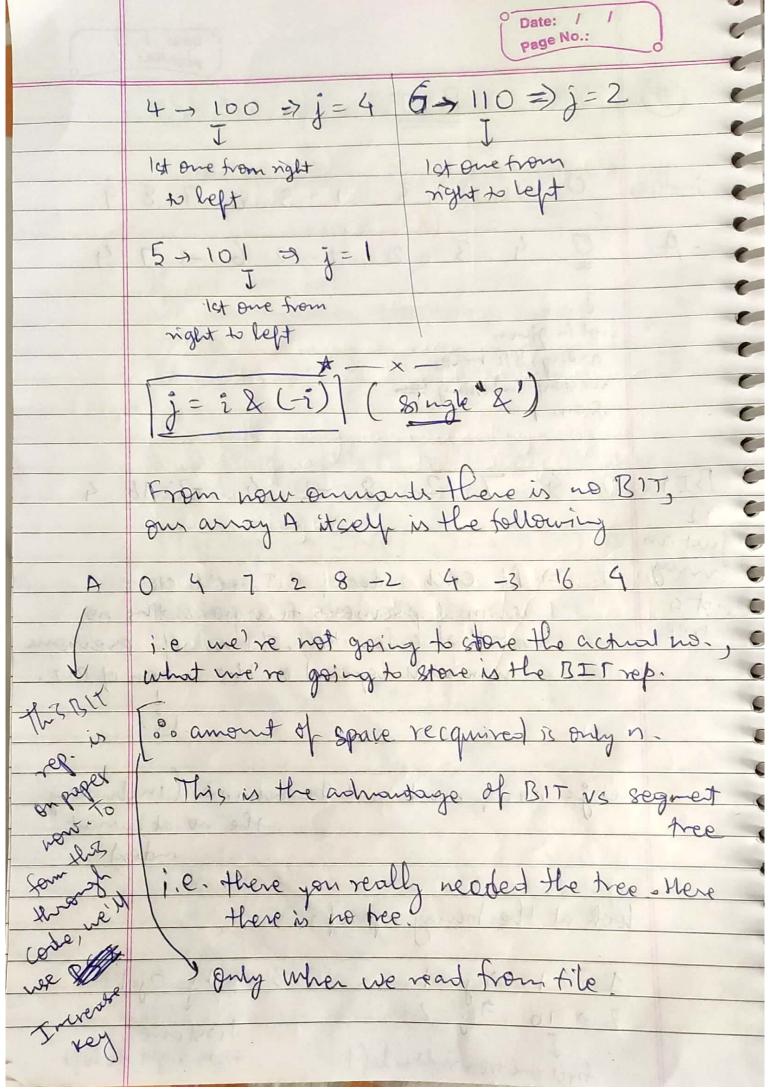
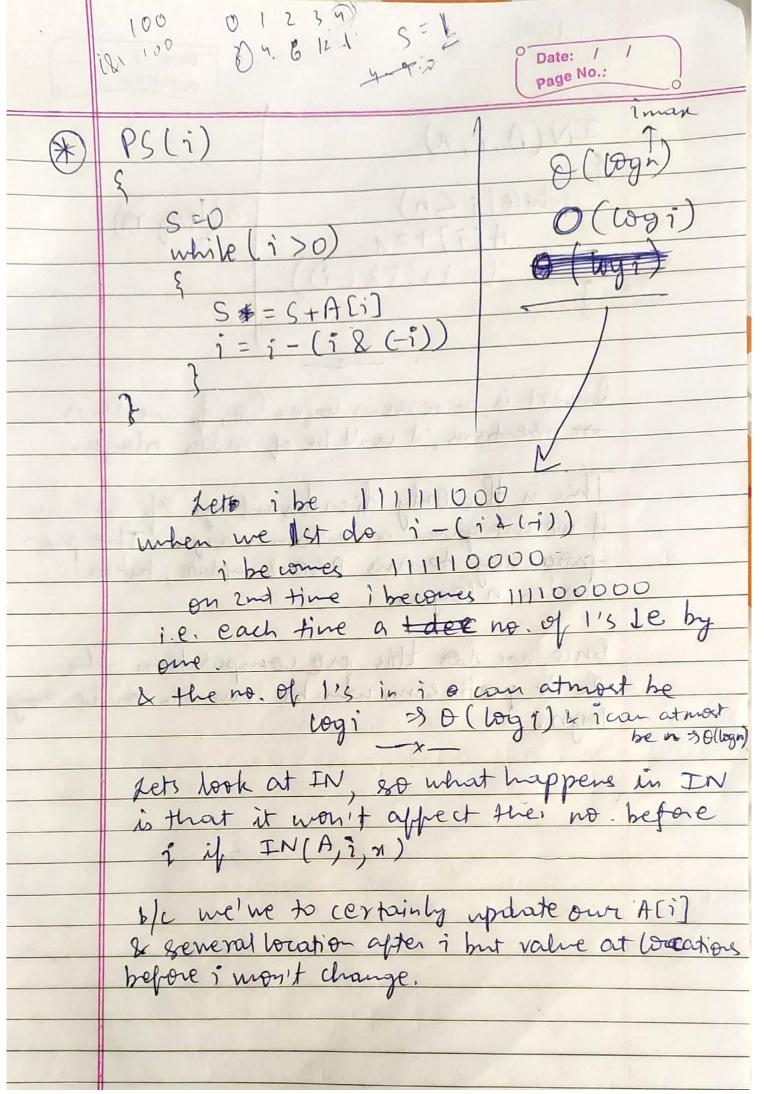


)	Date: / / page No.:
	LO LT LO BOLLY
	511
	T C Q
instices	0 1 2 3 4 5 6 7 8 9
0	0 4 3 2 1 - 2 6 - 3 7 4
o A	* 4 3 2 1 7 - 2 6 - 3
v	1390 V 10/200
3	not in given array. BIc here
5	we start intening to
<b>o</b>	fom 1
0	D 4 7 2 8 -2 4 -3 16 4
BIT	0 4 1 2 8 72 311 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 gustan	
oned!	=) At each index of BIT, we'll store
nota	at that infon itself. The no. of previous
, tree	num will depend on the juden of BIT.
	0. 1
	The control of the state of the
	Let == no. of numbers to be summed (including the no at current
5	inden) inden)
>	look at the binary rep. of i
	17 1 7 j=1 3 - 1 1 - 5j=1 27 10 7 j=2 first one
	1 time fram right to left from right to left
)	first one fram right to left from right to left





	10101
	Date: / / page No.:
-1	
	IN(A,i,n)
1	
	while (i < n) o (log m)
3	A C i J + = x
	î= î+(î&(-i))
	((7) 97)
	-1
	Ansertin in come to a de il
	Insert is increase is logno so, if we do n ist insertions, it will be of order mlogn.
	the of order nlogh.
	This is the only disadmentage 8/ BIT i.e.  if we are given a certain array. The pre-  -processing to am RSQ & update, takes  order n logn.
	If me are given a certain array. The pre-
	-processing to am RSQ & update, takes
0	order n'logn.
91	The state of the s
1	Te & prefinerum was be found a order to
A	Te & prefin sum win be found is onder bound
-	logn.
3/2	
and.	Lets less at IN Es what happens
194	in the interest of the start is
,	CREANE DE
A	by and we to certainly update near
31	to above that it extra restand language is
	before of migue to change