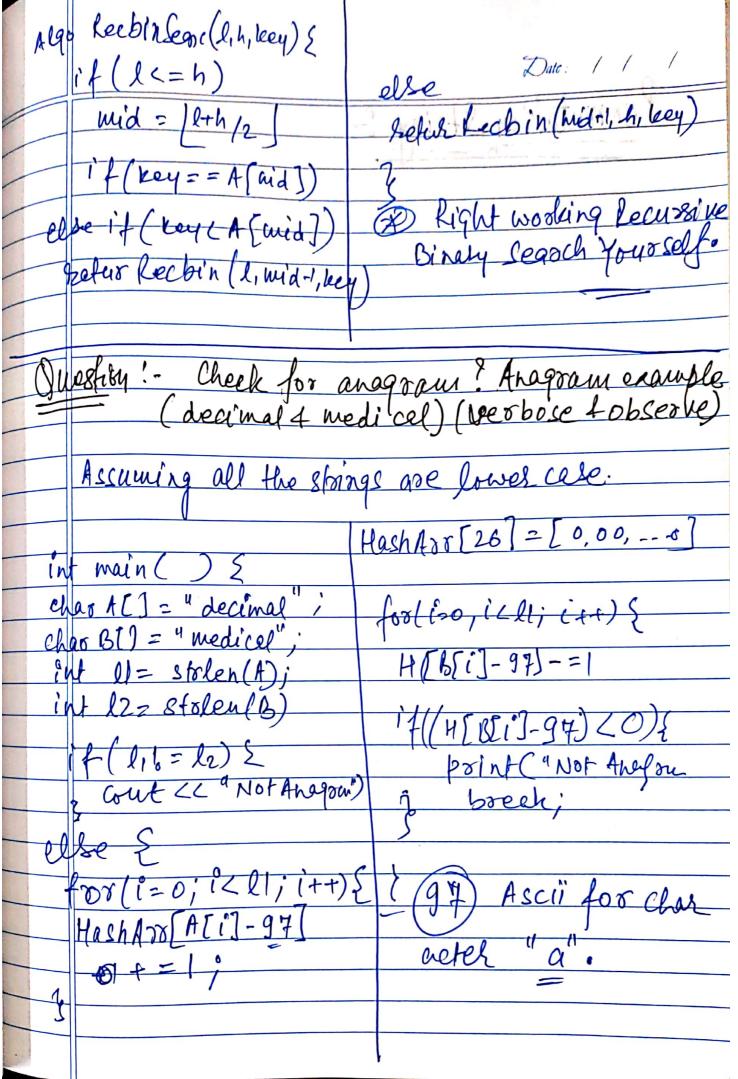
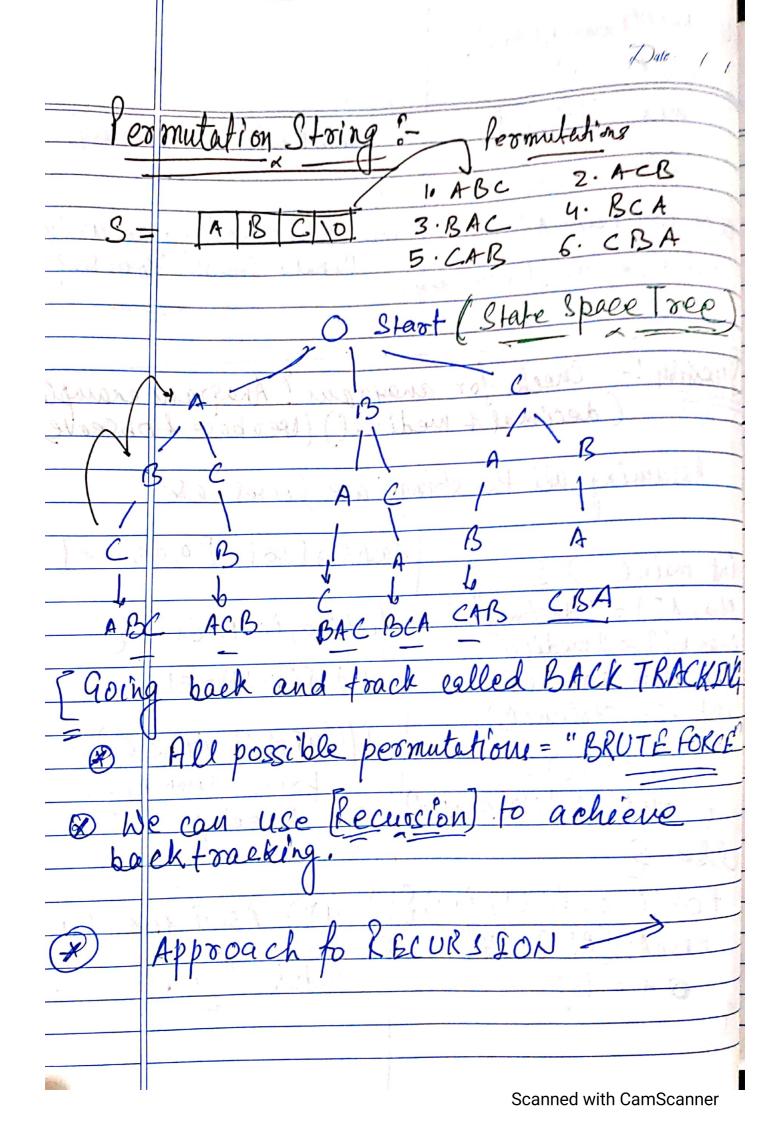
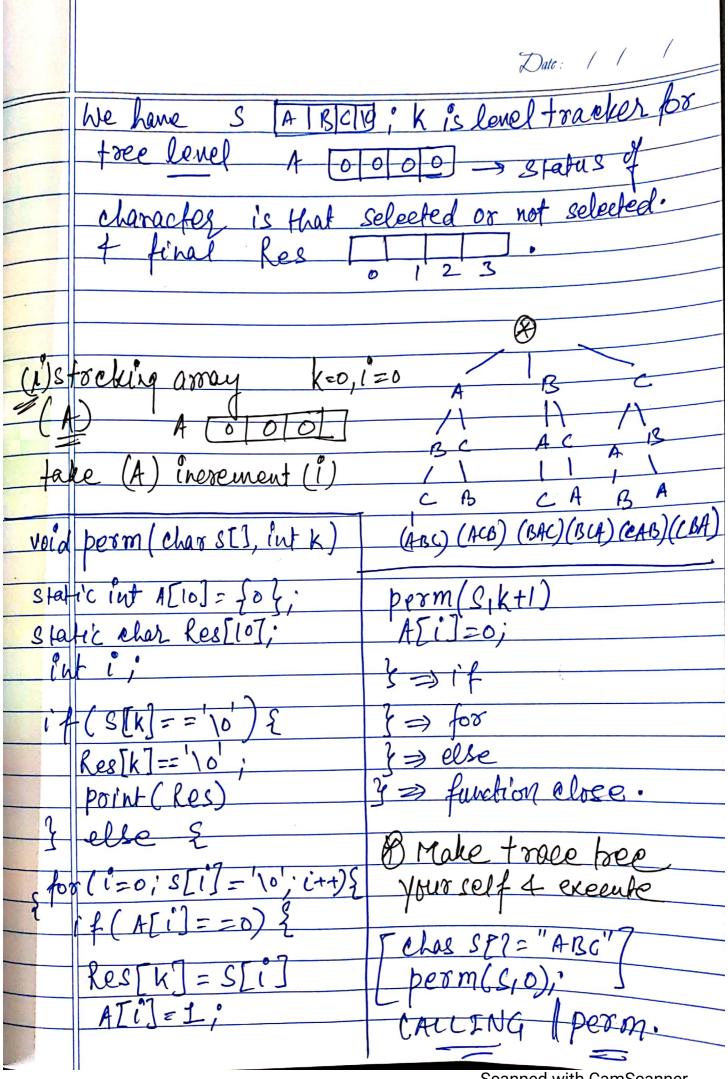
	ARRAY & S	TRINGS Date: 11
		in the same of the
	Binary Search'- S	learch in sorted elements.
		24 27 29 33 34 37 39 41 43
		67891011121314
		18, we need three
_		mid.
_	mid = l+h	
-	2	1
_	The state of the s	Charles Carolina Companie
_	1=0, h=14	mid = 0+6] = 3
-	mid= 0+141 = 7	6 MM LU
	mid= 0+141 = 7	same checks but this
00.1		time A[mid] is greater
	eck of mid (is key	
	lement. Tes teorifite	hence shift low
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	l= mid+) = 3+1=4
(A)	If no whether key"	12 mat = 571 = 9
	clement i's bigger	1.1.21
		mid = 6+4 = 5
	A[mid]	0. 11
71		Same chek
ZIU	this case smaller	if(t[5] = =) mid) @
	nence her high	
	uill be	1=9, 1+4, 4+9
	A= Mid-1	2 2
	= 7-1=6	
		= (4)

	The state of the s
An	other example key= 34
· Hame	Disport Search - 19 was the original
F2 1	l h mid
6'	0 14 7
4151	8114 1118 7 3 7 4 3 7
4 20 1	8 10 9 , la key land
	10 10 10 -> Terminate key found
Anof	her example bey=25 (* not in a rray)
	E - 12+0 = him H=H . C.I.
	l h mid
	0 14 7
19-1 10 D. 10	0 6 3
	4 6 5
	7 6 -> 1 terminate low has
1 2	7 6 -> 1 terminate low has became greater than high.
Algo B	in Seand (l, h, key) & else if (key < A [wid])
. 0 1	h= mid-1
while	$e(l \leq h)$ { else
h	id= 1th else = midt
63 3 1 V	
14	(key = = A [mid])
	return mid Set us-1;
	Y
1	







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