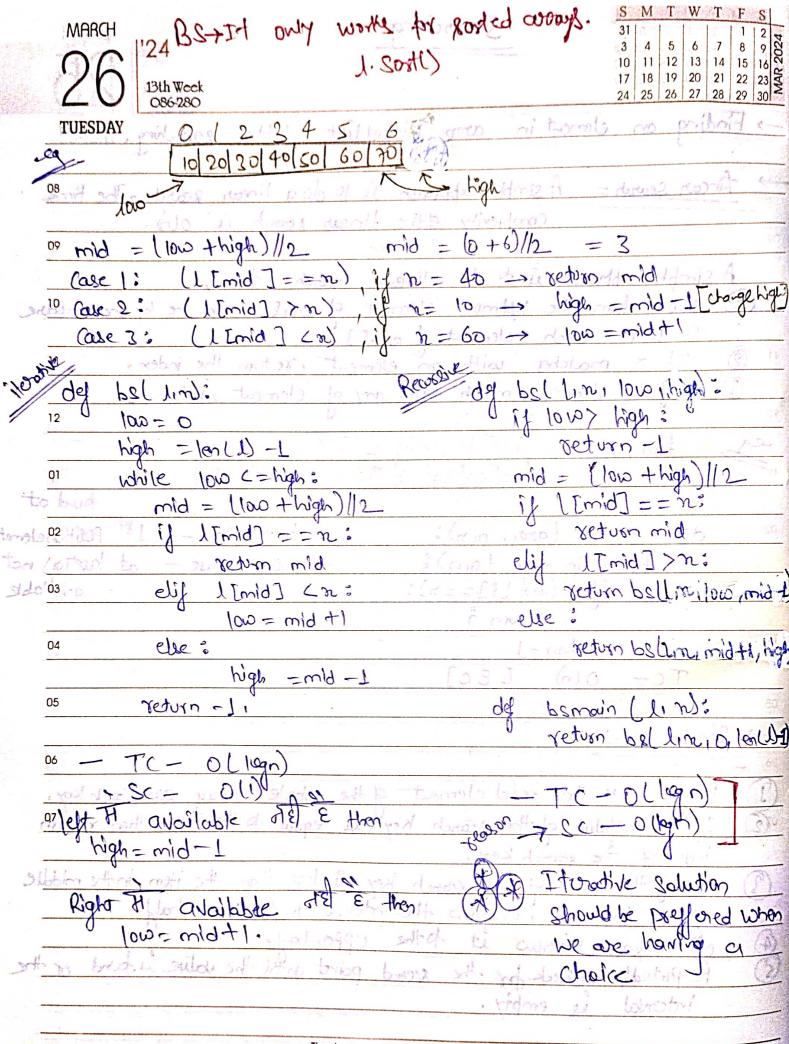
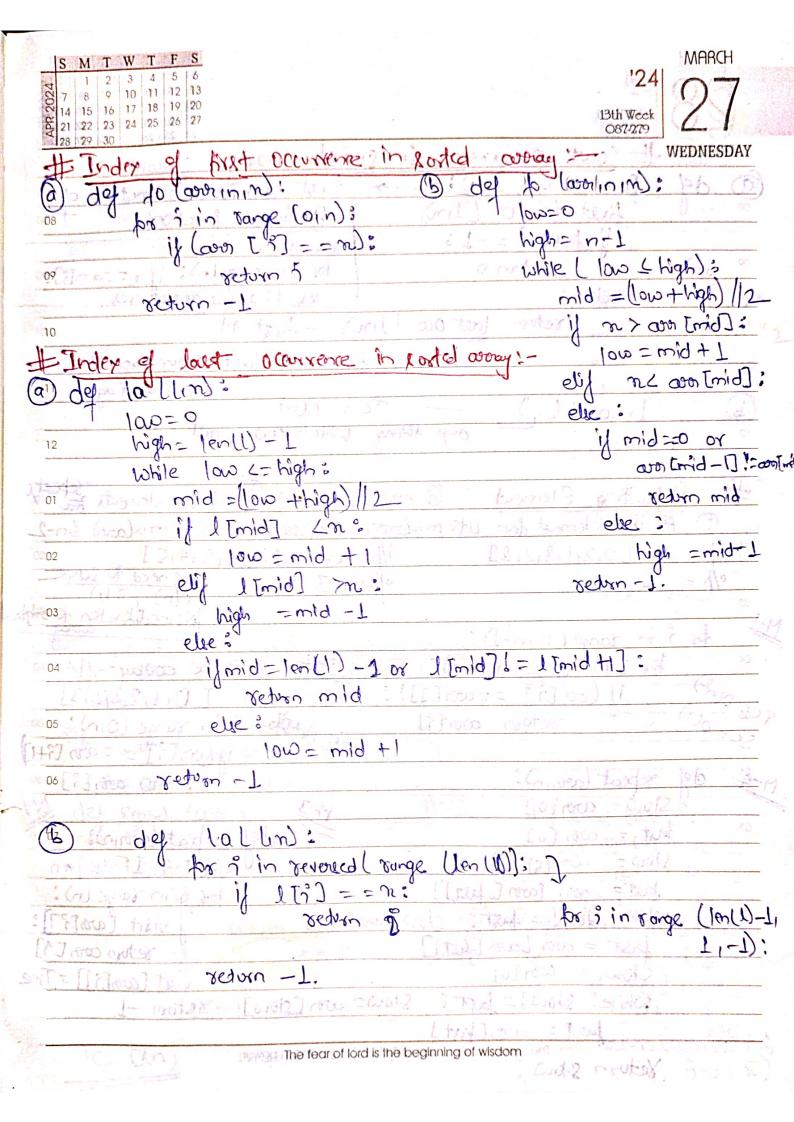
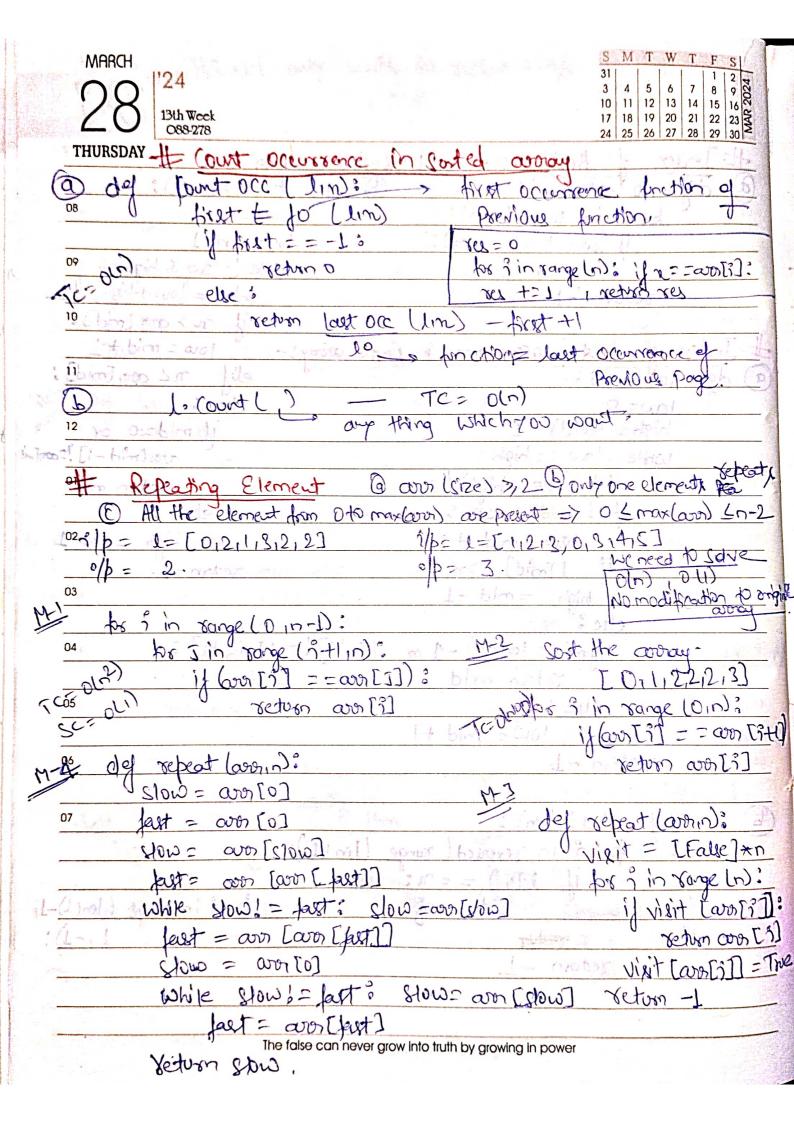
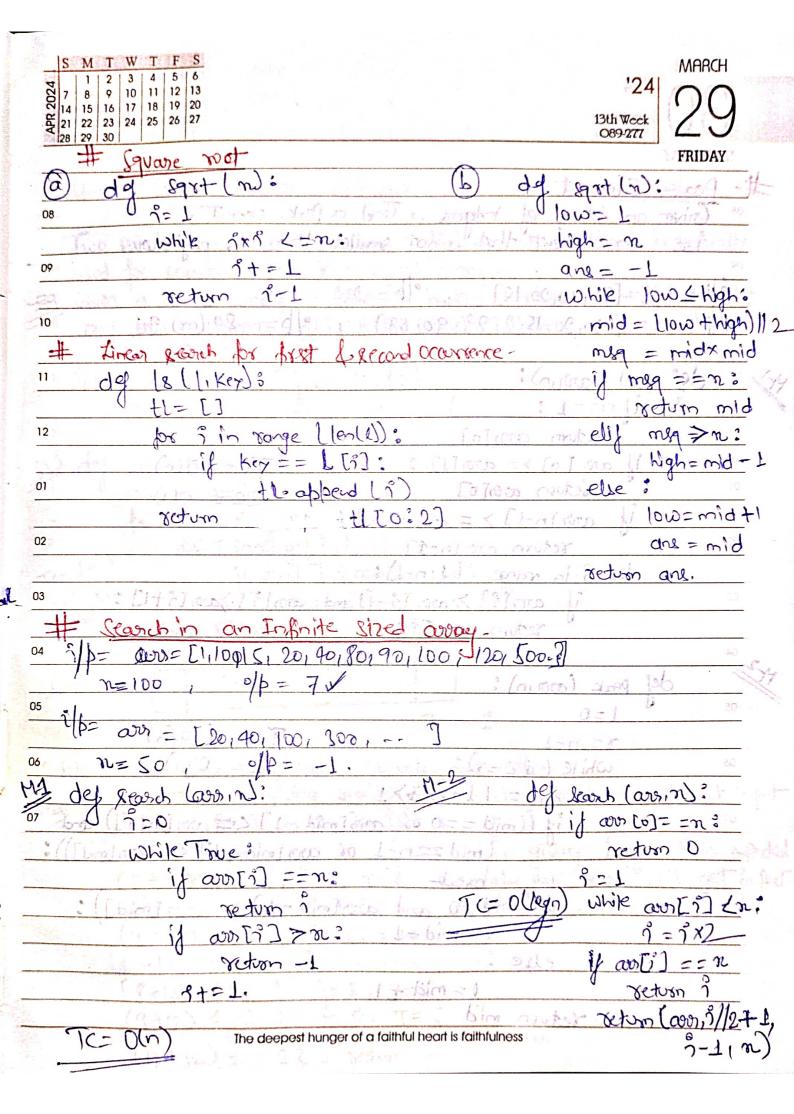
S M T W T F S
7 1 2 3 4 5 6 8 9 10 11 12 13
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 25 21 22 23 24 25 26 27
-> Finding an element in array/ linked list called generating, MONDAY
-> tinding an element in wrange (into any
-08> firear search = A simple approach se to do a linear granch . The time
firear search = H simple approach le 10 00 a mar xearch oine since
or secretalists bin allight and leading to
A simple approach is to do a linear rearch, i.e.,
10 (1) start from the leftmost element of aron [] and are by are compare
or with each element of world.
11 1 If x matches with an element return the index.
1 If x doesn't match with any of element, return -1-
12 CALOL II
eg find [20] 0/1/2/3/4/5/6/7 8
of clippolity and 2 6/10 50 30 70 80 60 [20/190 40]
and at
02 defin pearch (avor, nin): -> best case - 1st politioneleme
form in rouge (010): -> WORST (are - at 10197(a) not
03 months (and til == n): and bhall its gnatable
return i to bim = ad
04 1+ bind 20 moreturn - 1
TC- 0(n) [EC] 1-6m= dpin
05 Carolinaned to
Binary search
06 (10) - 21
(1) Begin with the mid element of the whole away as stooch koy.
of If the Value of the granch key is equal to the item than return
Index of the search key.
(3) Or if the Value of the search key is less than the Hem in the middle
1 or if the value of the reach key is less than the item in the middle of the interval, navorous the interval to the lower half.
B Reported y check for the second point until the value is fund or the
Interval is empty.







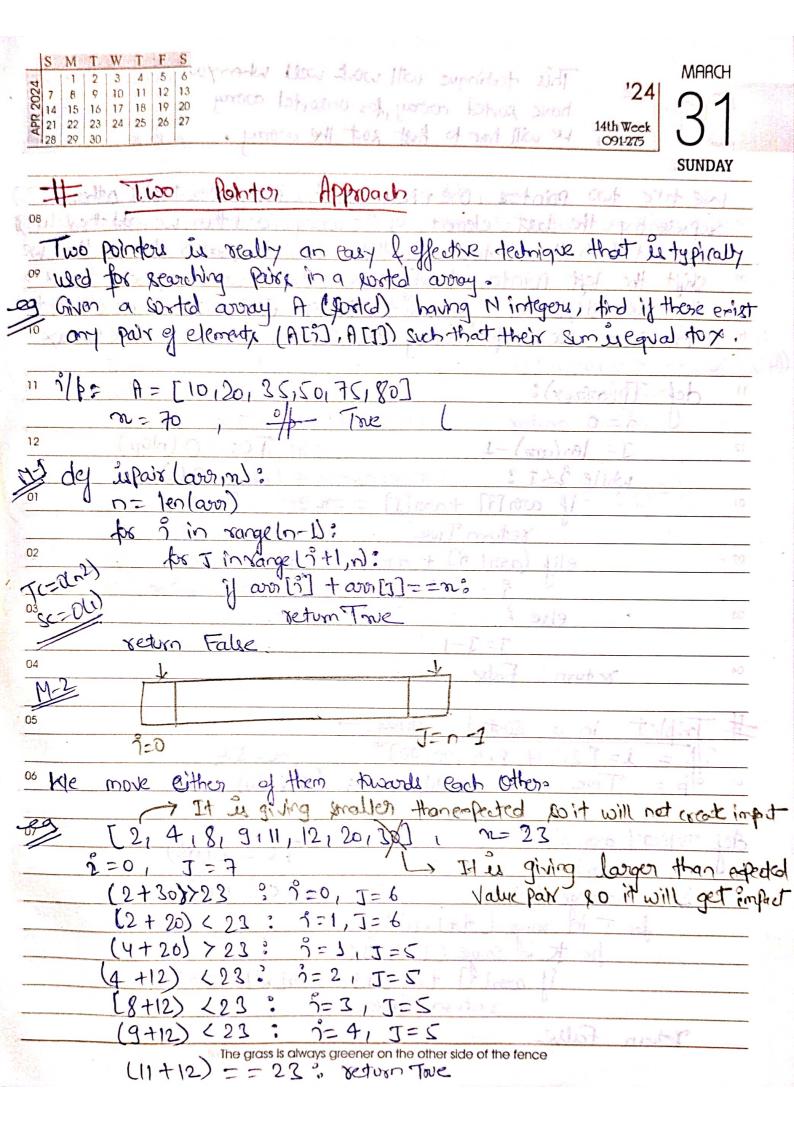


'24 11 12 13 14 15 16 17 18 19 20 21 22 13th Week SATURDAY It Peak Element Eriven an array of Intgore. Find a Peak element. an element that is not smaller than its neighbours. olp = 20 1/62 1-[5,10,20,15] o/b= 20 (or) 90 103 [= 1 = [10, 20, 15, 2, 23, 90, 67] des peak lovinis: if n==1: return ano [0] if arm [0] >= arm[1] : TC= 0(0) Keton assio] SC= OU) arr [n-1] > = arr [n-2]; return ano [n-17 for in range (11n-1): avortil yars [i-1] and avortil ; return avor [?] Peak (avoin): 1=0 TC= alogn) 8= n-1 while (12=x): mid = (1+x) >> 1 if ((mid ==0 od aros [mid-1] <= aros [mid]) and ([bind == n-1 of an [mid +1] <= an [mid]): break : ([bim] report (1-bim] report by och [mid]): x=mid-1 elee 1= mld +1 Stillers I make return

The folly of one man is the fortune of another

MARCH

MTWTF



N	APRIL O AONDAY	092-214	VOI	(THIC IS	(192) V	vort well as unsort ost the c		20	27,100		1-20
08	repres Chift then	enting the least both we shad	he last h the p ght poin hift the	element sinters of the the	at of the Ty the right points	he avoing or if the	i and i ne ex ve sis	alles -	than ; prestry pet	x then than; cloxer	x to
/ 11	def	TPlan	े(४। त		Liz	12 t 10 2.	219 100	1017	$=\hat{H}$	241/	
1	U	9=0		3	9	or:	-	0	10 0		
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19 20 21 22 23 24 25 26 27 28 29 30 31	14th Week 093-273
20 27 20 27 30	TUESDAY
ott-savore the array from left to right	
Travorse the array from left to right By Fox every element arostil, their if there is	e a boir on right side
with sum (n- aports)	
or starting indep.	
dej ispar lavor, re, Si): dej Toi	Het Carrial:
dej is par lavor, r. Si): dej To	or in range (len(cos)-
J = en(avor) - L	or in range (lenloss) -: if Lie pair law, n-austi
11 WHIR 3 KT;	yeturn True
	return Falle
12 return True	
ely 2007[3] + ann [] < n:	
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else?	Edward C
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geturn False	FES Z Trevis to
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