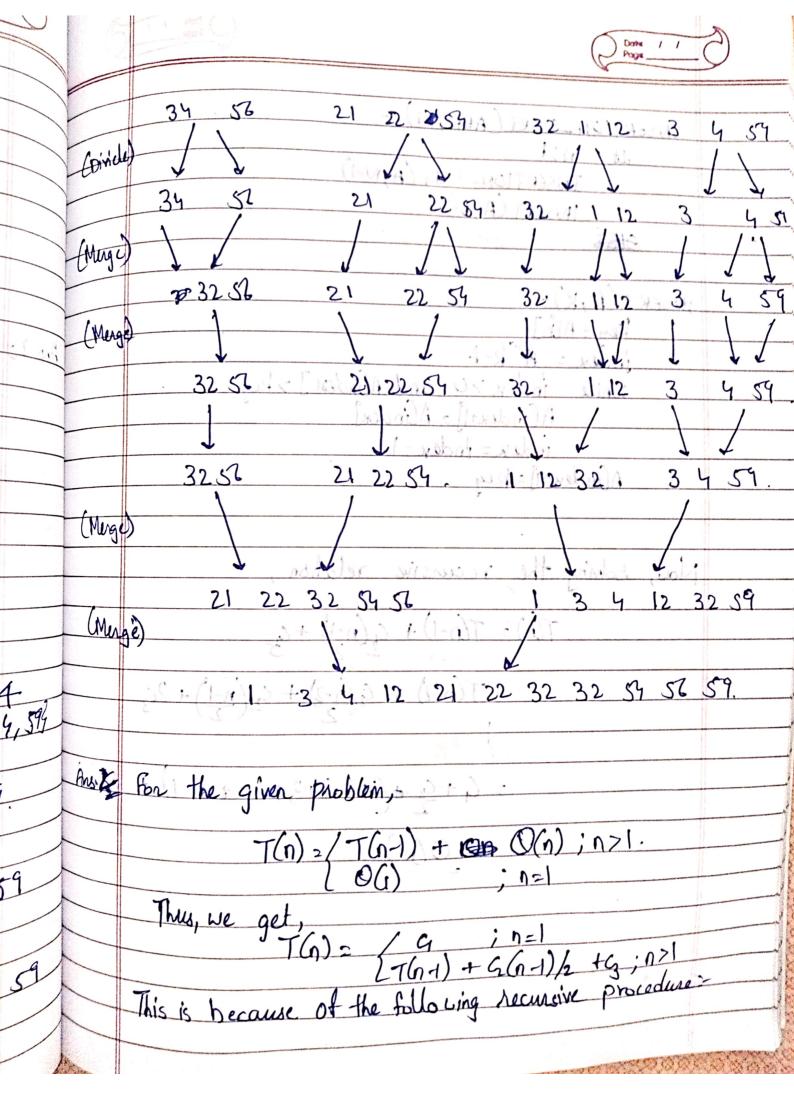
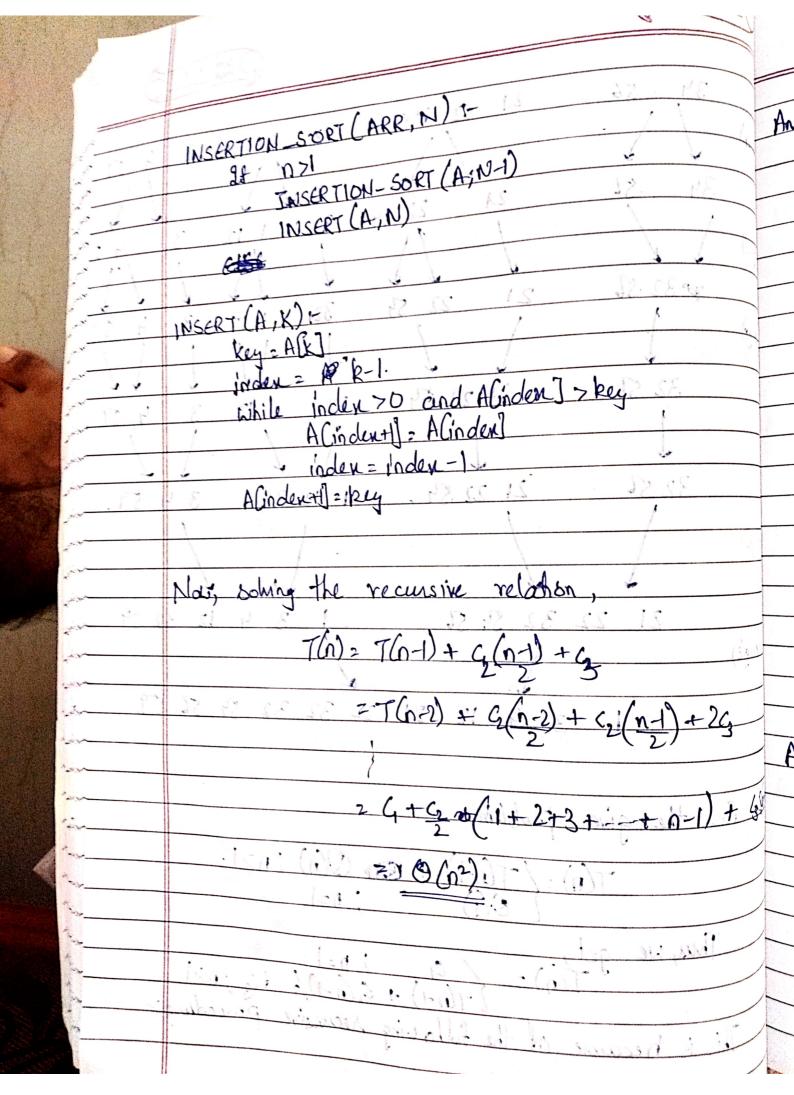
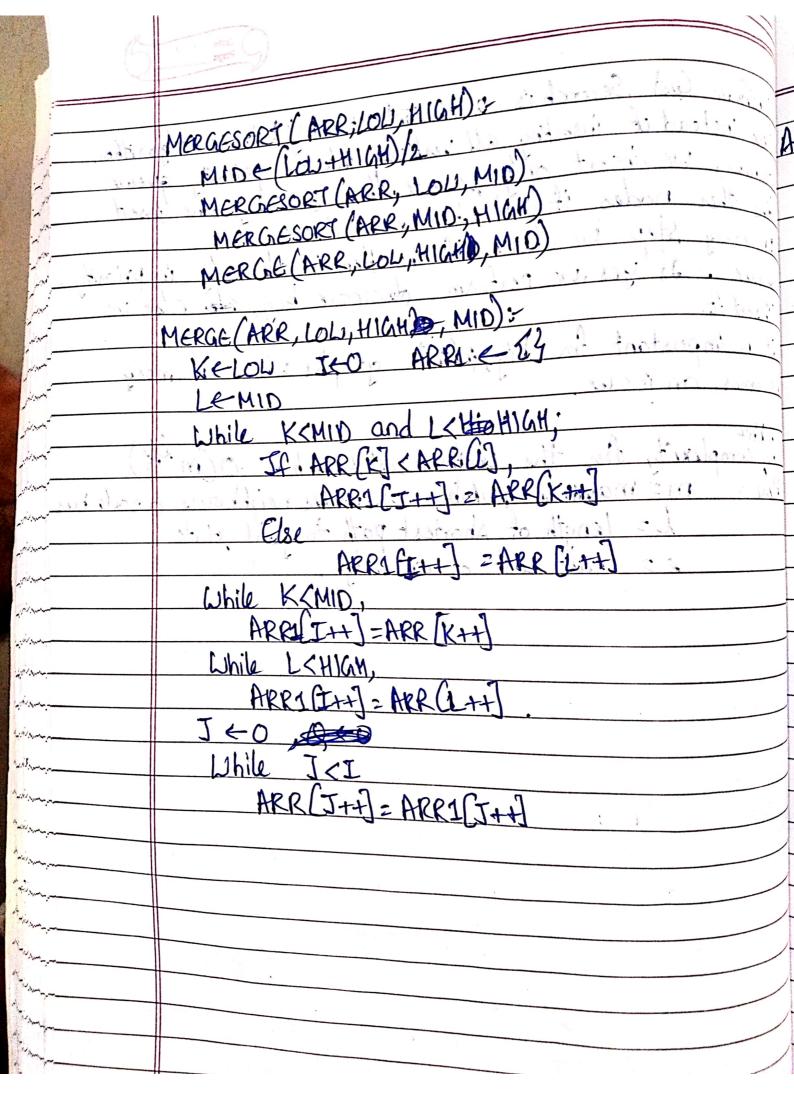
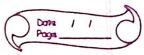
MAME: KRUNAL RANK Apm. No: U18(0081 BTECH JRD YEAR

10/9/20	U18 C0081 A = 134,56,21,22,54,32	lutovi,
Ans le	Criver The array 11 t	1.110)
approximation and the second	34 56 21 22 54 32 1 12	3 45
CDiv	de)	
A series and a ser	34 56 21 22 54 32 1 12	3 45
Corrid		
	34 56 24 22 54 32 1 12 3	3 4

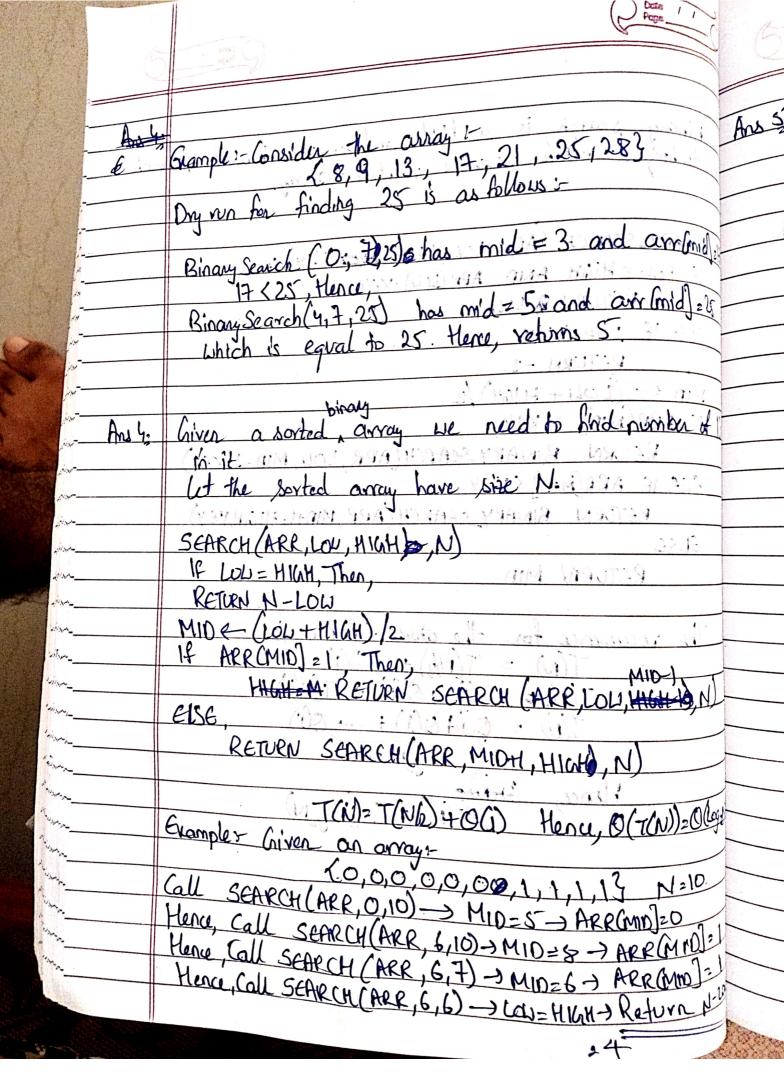


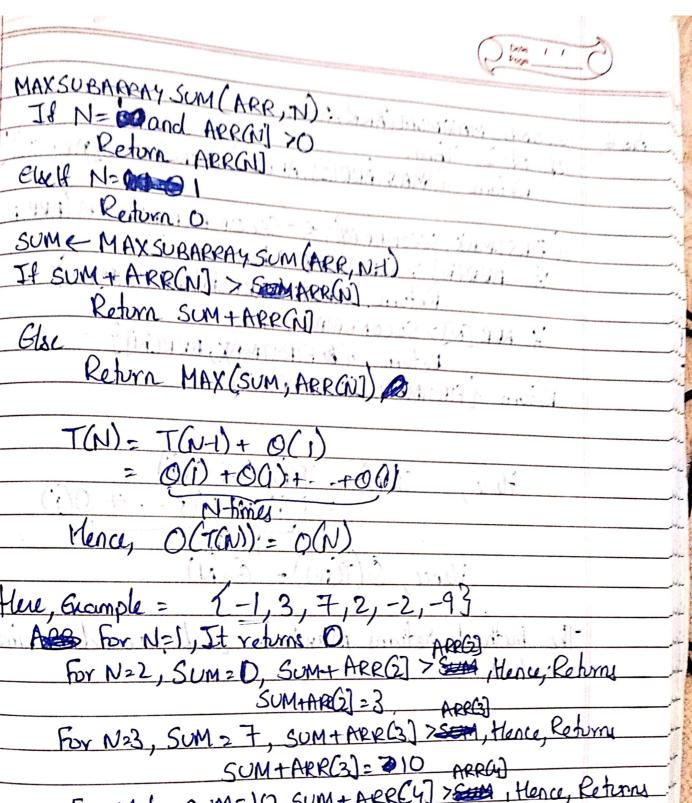






13		Done / / Pages
	A43:	
		Kinary pearch is a divide and conquer based hearth
		Binary search is a divide and conquer based search technique which requires sorted array.
		is a real finding to it willows -
		BINARY SCARCH (ARR, LOW, MIGH); KEY) =
		IF LOS TRANCOS ZICT, IN
		- Police - RETURN S-LOW- 101 Low 125 For Description 201
(eist if LOU=HIGH: with 26 in louis & 1511
		RETURN -1
2		MID (LOW+ HIGH)/2
		LIC APP (MID) XKEY IN THE MARKET MID TO AND IN THE MARKET
		RETURN BINARY SCAPCH (ARR, LOU, MID-1; KEY)
	-	CUL IC NORMAND (XXX)
		RETURN BINARY SEARCH (ARR, MIDH, HIGH, KEY)
		ELSE
		RETURN MID
		O U I Durte in any
		The recurrence for the above trackon is
		$T(N) = T(N_2) + O(1)$
		T/N)= 0(1) +0(1) + 7(N/4)
	1	T/N) = O()+O(1) ++ O(1)
	\uparrow	Log N hmes?
	1	
	1	Mence, Contral = O(Logn)
	1	1000 (Mir) & most Octor/100 or min Organia
	1	V . O V
/		3/1/2 5/1/2 1 1 00 00 00 00 000 000 000 000 000 00
/	1	25-20-00 COL COLONIONS NO MOST
/	L	The Colon of the Colon State of the Colon of
	1	1011 10 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1
	1	101 man 201 (-3 -11 14





T(N) = T(N+1) + O(1)= O(1) + O(1) + ... + O(1)N-times: Mency O(T(N)) = O(N)Here, Grample = 1-1,3,7,2,-2,-93 For N=2, Sum=D, Sum+ARRG] > Sum, Henry, Rehmy SUM+ARC] = 3 , ARRC] For N23, SUM 27, SUM+ARR(3) >500, Hence, Returns FOV N24, SUM=10, SUM+ ARRCY] > Hence, Returns For N=5, SUM=12, SUM+ ARRCS (Settle). Hence, Returns For N26, SUM=12, SUM+ ARRCO (SUM, Hence, Returns SUM 212.

: 991 Return O. 1919

217.

Scanned with CamScanne

	A		
	6		-
		SECOND MAXIMUM (ARR, N): If N=2 Then, (App(1), ARRGI), MIN (ARRCI), ARRGI)	
=		MAYMIM (ARK, N)	
Ans	6;	SECOND MINI (ARECI) ARRCE)	
		MAN	
-		SECOND_MAXIMIM (ARR, N): If N=2 Then, Refurn L MAX (ARR(1), ARRGI), MIN (ARRCI), ARRGI) Refurn L MAX (ARR(1), ARRGI), MIN (ARRCI), ARRGI) (FIRST.MAX, SECONDMAX) & SECOND_MAXIMUM (ARR, N-1) (FIRST.MAX, SECONDMAX) & SECOND_MAXIMUM (ARR, N-1)	
			_
-		(FIRST, MAX, SECONDMAX) & SECONDMAX) If ARRCHI > FIRSTMAX Then, FIRSTMAX	_
-		If ARRENT > HRSTMAXT	-
~		If ARRCHIT FIRSTMAK THEN, FIRSTMAXY Return FIRSTMAK THEN,	_
-		If ARR [N] > SECONDMAY; Then, ARRCN] 3	
		Return (FIRSTMAK, ARRCN] 3	
		Return & FIRSTMAX, SECONOMAX?	
/		Keturn & FIRSTOTICE Jackson	
		Cina a Chart - Clar	
·		Here. T(N)= T(N+)+O(1)	
		man a 1	
Ü		20(1)+0(1)++0(1)	
		CVID = N signed Daily	
<i>**</i>		Mence O(T(N))= O(N)	_
, , , , , , , , , , , , , , , , , , ,	7	Her. Signole = 1-13, 4, 2, -2, -13	
4W -			
***		The method returns manimum and second maximum	
·	1.511	Sivaluis Heele Canni Arrell & Sent Killer	
eritud	$-\parallel$	Schligg 3 Hered	1
idu	MA	Low Was SUM - F. COMARCOCAL >SEM HOLL Ken	1
rhw		6000 016 = (3894 HW)	-
Jun - 1192	110	most week [4] done to the floor	-
W		Fox Not COMETO, SUMA Process	
Mr. 1000	10	100/1: 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	
The same		SUM - MED SUM + PER PROBLEM. HOLL.	1
Mr_ NIO	1	SUM12	1
1	1	WORLD MUDE MUDE MUZE	1
1		11/6 1 (1 () A () 2 () 2 () X ()	
		SUN SUN SU	-
			-
			1