Il function to find maximum 10. int findinax (intact, intlo, inthi) 11 If for become greater than his return minimum if (lo>hi) return int Min; Il it subarray has only one element, return element. ib Clo == hi) return a[10]; int mid = 6 lo + hi) /2; int egythox = Find Mase (a, lo, mid); int sight More = find Man (a, mid+1, hi); # networn mase (left Hase, sight Masc)

111 11 function to find minimum Da int findmin (intacz, intlo, inthi) 3 - 9 Il of hi becomes greater than so, return macinus il (hi>10) return int Max; ib (lo = = hi) return alhi]; int mid = (lothi) 12; ---int regimin = findmin (a, to, mid); - 3 int sightmin = findMin (a, midti, la) exeture Hin (left Min, sughtun) ----3

	ERT - KYCHY - 24K	
*	Test Cases:	6
	Carl Garagas	6
i)	Input: 1.csv	6
	output: min solary -> 10002	6
	max salary > 42744	•
	SEMESTICIO IN - 1470 I	
2)	Input: 2. CSV	
	output: min salary -> 20020.	•
	max salary → 52748	
	#12 9 32 20 21 24 2 3 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	-
3)		6
	min galary & 1008	•
	max salary > 33726	•

4)	IDAM: 4.CEV
2	output: min salary > 1001
	max salary > 20981.
	21)18 12-21-11-11-11-11-11-11-11-11-11-11-11-1
5)	Input: 5. CSV
	Outout: alle
	output: min salwy + 10012
	max salary > 42740
6)	Input: 6. csv
1-20	Out 6. CSV
	Output! savary cannot be negative.
	Input: T.CSV. A
	output: Salary cannot be negation.
8)	
	Tibes . 4 C80
	output: Salary carnot be negative
1	
*	Time Complexity.
	By substitution:
•	T(n) = 2* T(N/2) + M(M)
***	where: TCK) is time taken to soot
•	r element
	2* T(M/2) + const* M _ (1)
	T CH12) = 2* T (H14) + const H12 (2)

