Page No. \_ till the second of the second int binarysearch (Int arr [], int target) ? int low = 0; int high = arrisize ()-1; while (low (= high) } int mid = low + (high -100)/2; strate. it (consmid] = target) return mid; clarit ( wor [mid] starget) ( ow = mid + ); else high a mid - 1; neturn - 4; 200 (1) alides Binary Learch (int any 5th tempet, int low, int high) 1 (low L= high) } int med: (with now) /2 ; (aus [mid] == tayet) return mid; else if (arrand ] & tanget) & neturn binonsearch (arr, target, mid+1, Ligh); else return bingsearch (orr, tayet, 100, mid-1);

Date. Page No. 6. T(n)=T(n/2)+ 1 bill which chair this may 7. Anding two In Court 22 x 22 feelies of 12 # include (iosheon) to an. 13using namespace stal, pair fint, int > finalinalizes WithSum K (const int arr [], intsizint K) Const int MAX\_VALUE = 10000 ; 11 int seen [NAX\_VAWE) = 204 for (int 1°=0; issile; i++) { int complement = K - arr[i]; if (complement >= 0 xx sean [complement!=0)] return à sean (complement J-1, ?3; seen [arr Li]]= 9+1; Lines & E 20-1-01 B. 18,18 . FF NI GOLDENNY 1/2 WARDING return 3-1,-13 int mournor of (regalation masses and const int one = 22,7,1,153,1 int size = size 8 (000) / size 08 (00010); int k=9; de and

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