Date: clement will reach and Bubble Gelection Envertion Mercie Coulnt 2 > chat 114=6 void bubblesont (int all, int N) { for (int i=0 ° i < n.a.; i++) ?
-for (int i=0 i / 2n-i-1; i++) ?

if (a[j] > a[i])] in every part Due prighent etem int t = alj विद्धिन not necessary alitil = E: compare highest elements that reached end's Best Care: Already Sorted, o(N)

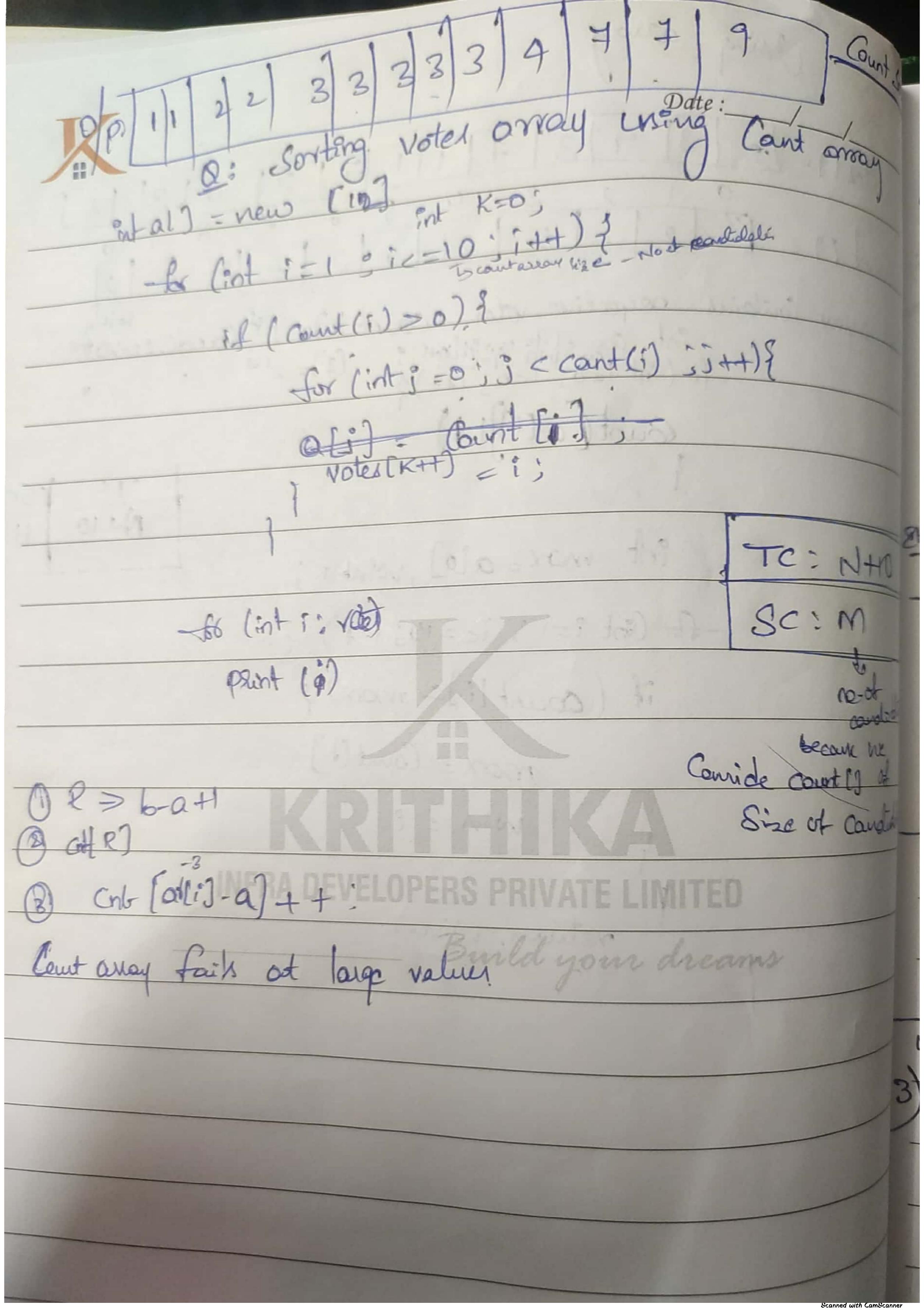
Schedion Soft Afrika Sustent clement and place it out of pos 2) find largest element and place it at no. for (int 3=iH = jensitt)

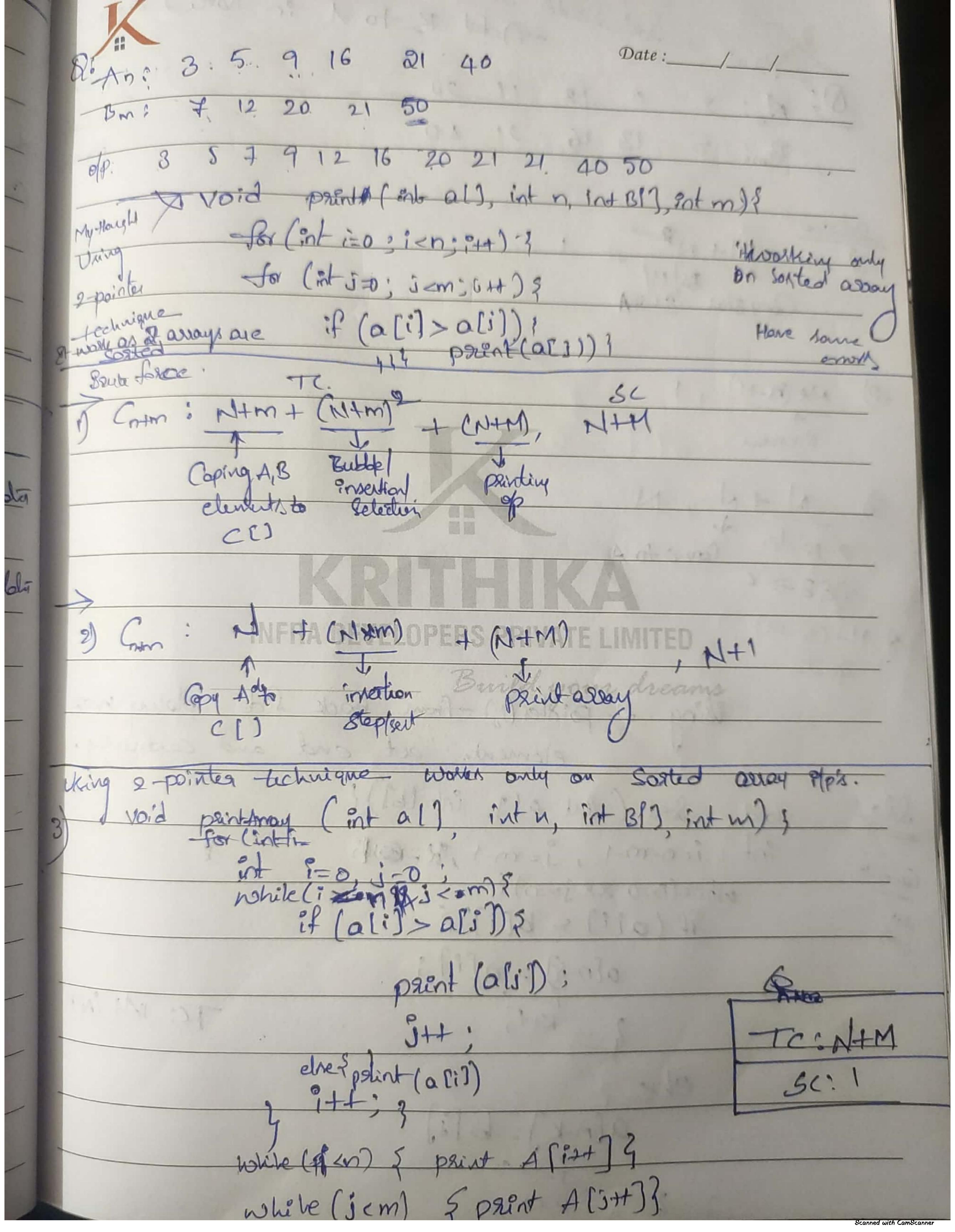
if (a[i] > a[i]) Selection (int al] int n) } Grove dreams for (int i=0 0; cn; i++) int ele= a(i), idx=i; -for (j=i+1;icn; j++){ if (ali) < ele) ? ele = ali) idx =i ali), a lidx]

Date:___/_ Ensertion Sout: ele=3=i Compare J& ele 2063 $j=-1 \rightarrow Stop$ ele=1=12 void investion (int al); int n)? -for (int i=1; izn; i++) de= Q[i] & (21-9===135>=033+-)ELIMITED (f(a(i)) > elei)d your dreams BC a Lin): deali) Void insen (ental), into for tint i= 13 ich 3 1++) { int de = a [i], j= p-1; while (ali) rele 28 i>=0) { 100-11 aliti) = alij 112023 - 15 CN al 641 -010:

Clechions given to candidates / any one of the Candidate Candidale = 10 Cell Contain Burdidater int votes = 0, Camptes = 0; (int i=0; i<n; i++) {
(int i=0; i<n; i++) { if (ali] == =j) Thing loops intelec (int al), intn)? int Winner = 1, Vote = 0; (i=1) i <=10 \ i++) {
int count= 0. for (i=0'i<pi) 1 if (als) == i) { Candreddie Count ++ if (count > votes) } votes = count) winner = i octum winner

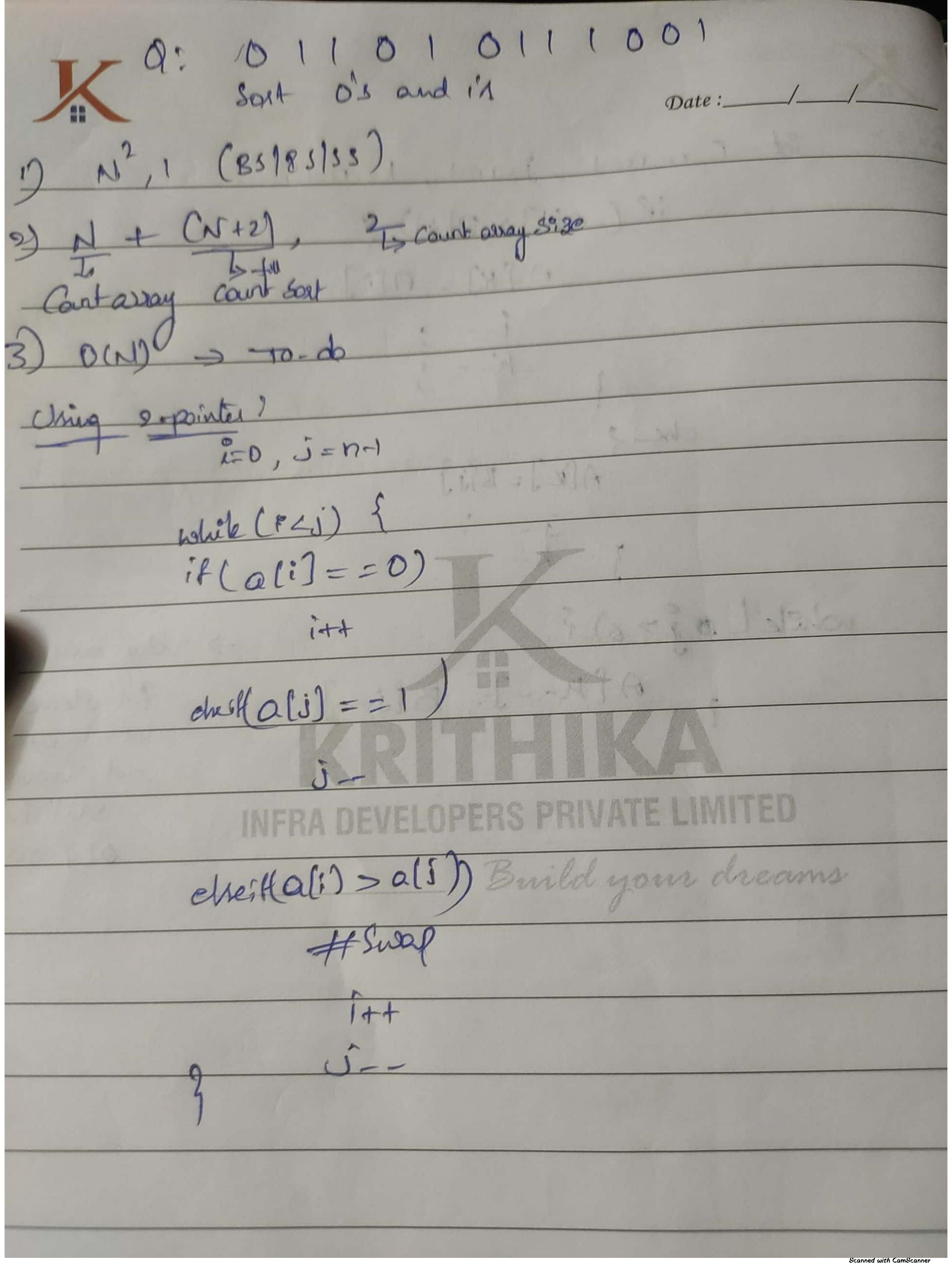
count into = repoint [n+1]; [2] = 21d int mone=alo], vointei; - For (int i=1; ic=10; i++) ? if (count li)> mon) } man = Count (i) WIN = ? INFRA DEVELOPERS PRIVATE LIMITED , IN veture winne EDERTON MOTOR ON COMME





Rest in Sorted order into 5. right - Amoray 7. Add B to A in sorted &de alutions. (1947) 1 1 194 11 19 1 199429 Proservation. S. A 1011/1963 2-pointer Copy c to H+(N-14) Elsing 2-pointer (i) - from back side placing mod elements at end and continuing.

Date: Ent [= n-m-1, j=m-1, k=n-1; if (Ali]>B[i]) 3 A[K] = A[i] A[K] = B[J] while (\$ = 20) ? E'A clements which one not traversed still in Bullet Bour idescound



2) a[i] > a(i) de How many pains can obtain following above meles is. Count = 0', -for (int i 20: 120; itt) } for (int j=itt ; j < n; i+t) } if (i<jke a li]>ali])? Count ++ > 4 INFRA DEVILOPERS PRIVATE LIMITED return countled your dreams 0 < poin < n(n-1)/2 descending alla

word ms (int al), int 1, inth) Ef (loco = = high) return; int mid = (1+h)//2 Merge (a, mig) Void neige (int al), int low, int med, int bi) } int Pi-low, Pi-mid+1, K=0; int temp1): while (Piz=mid & 90x = high) } of (a[P,] <= a[P,]) temp[ky] = a [P,++] Count += 1 temp[k++)= a[P++]: while (P, 5 mid) { temp[KH) = a[P,++]}; temp [k++] = a SB ++] }

Date: 29tr'1;P1,P2 Compare scard half ms (a, l, m ms (a, my, h) merge (a, l, m, h) m(0,8) mergelo,48) ma 5,8) mx(0,4) ms(3,4) meige(0,24) (0,0) moland mx (3,3) moly m (3,3,4) ms(5,5) ms(6,6) megls[6] m(4,7) m(28) meg

low-md pareid+ ---ms (Est al), int by int high? > till Single clame if [brozbigh) Inchwen; int mid- (Bartil/2 -> left mic (a, log mid) -> wight -97/1/v) Ms (a, midtl. hi); ST(N) Morge (a, low, mid, bi): void menge (int al] int low, int mid, int high) i pointer p=10, p=mid moves lot temp []- new int (hi-lo+1], K=0; while (P, <= mid && P2 <= bigh) { if (alp) 2= alp) } temp[k++]= alp,7 temp[K++]=a[B]3

Contemps 17 to all :--Be (lint 1= 0; ? < bi+ bus + () } alitlow] = templi); Nhagph! N 33353 3537 35

Sum of paint K Unity Sort & 2 points 2: -5 12 8 9 20 19 30

Date:__/_/ Ruber j i!=j

2) ortij+alij=K 1) N², -for (3) i-0; i2n; (++) Sted 2-90 Sor (int ji-it) jan; jtt) if (ali] + ali] == k).

return time Since Soxled 2 Pointer work

while (PICP2)? if (a1P?)+10/2==k) returteur elne it (alphalix k) elve (49)+4P) > 12) Helan Jahre.

Searching Seasch. Step 1: Soet Amay Soxted a : whole (1 c-th) } & teleture int mid = (5 +0) 10)2 if (almid) = - K) return true INFLA (a food) KKS) PRIVATES Might l=midHild your dreams elseil(a [mid) > k] h=mid-1 retur Jahre:

Date: __/_ coursive Apploach Sinsearch (int as) Pot 1, int h, Pot K) {
if (R>h) return false Int mid = leth/2 if (almid) ==k) return true if (almid)>k) action birmouch (a, l, m-1, k) 11 settethinsearch (a, mH, h, k) s sorted array (N) = nlogn+logn, solled 25 chroated array