left right (n) 7 Promotella while (left < right) left=0, right =h-1 if (counter 1/2 = = 1) Co wfel -11; arr[left] = countel; left + ; countel t=1; のいくいかはつこしかがり かみか ーー・ else { G Compo +1

9 mportant Questions

1. Arrange array /1 O(n)

(2) suplicate dement /1 O(n)

1 ^1 = 0 harrie (52)(3)(1)(3)(4) (1=0 -) 1(n) win-aulli); 100=1 return uni;

Find Duplicale (n2) for (indico;icn;itt) Lor line j=o;j(n;jtt) L 3f (i)=j & www.ci) = = & w.ci) return all [i]

int sempling; 0(0) for (inti=0;)(n; i++) arx [arrti]) + +; 3 \$ 1 L 工中在为为为

mp 01234 10/000 11/11

for (nt 1=0; 1(n; 177)

15 (tup (1)==2)

rehun i;

248843 (P) 23451871=0 4871 while (ic M LL j < n) 1 f (arraci) == auri) 1 cont << aury [i] 1+もうりももう else if (arr (i)) > arrii) {

TWO LOOP j つしも3: j くb if (ali) tallin)

Pail Sum () (n logn)

8 8 6 8 8 8 8 8 8 9

1 2 2 3 3 4 9 5 6

1 2 2 3 3 4 9 5 6

for (n+i=0; i< n-1; ir)for (n+i=0; i< n-1; ir)

(int k= fauget -all(i);

auto M= Mpel-bond (autit!, auth, K) auto l= bond (arrtit1, auth, K)

cont t = (M-1);

rehum mut

loft = 6, right = n-L; while left < right) 0123451 Jf (aur[1] == 1 LL our(right] ==0) DIAT MY swap (arril), arrir]: left et, vight -else if (awr[L]]==0) x 4/25 else if (avoil right) == 1) right +-