12 2ml 2011 1124 n·m n/m é ?ps?? lik il n ,? oster 100 n.m.d 12 2 9 19 void flip-halves (int " V, int n) .10 for (inti=0; i< n/2; i++){ swap (a +i , a + 11/2+ i = +n/, 2) j void swap (int a, int *b) { int temp= ta; *a= *b; *b = tempi

J. 56-11 80 51045 650,20 O(H) pus 21,2150 38 E. Stib-pulner 613 6219 10516,14 1216 (1)0 T(n) = n + 2T(n/2)Pliphalues

Pliphalues

Pliphalues

Pliphalues

Pliphalues

Pliphalues

Pliphalues

Pliphalues

Pliphalues = n+2(n/2+2f(n/4)) = n+n+4 f(n/4) = 2n+4f(1/4) = 2n +4(17 +2T(17)) 3n + 3T(2) = ... = n·i + 2'T(21) 13 1= Logn =137'x'12 2 2'7318 = nlogn + 26gn T(ton) = nlogn +n = T(1) =) = O(nlogn) محر در الله ماداد: ويل عاماً ودواد مر علم عامر و در ال م 0(1091)

25 /6 alde, Mall slut, ENE Elzmir albal gents 30 8102810 00 \$ 01600 012 1100 13013 DE A'012'02 The selse 1'3712 sent 81503 0(1) @ 17N1 0(n) void fooz (int V, intn) ? for (int i=0; i < 1/2 = ; i++) Swap (ati ga En-1-i]); 2513 giros swap in 15 min 250

13 28ke int return-occurences (int A [N][N], int x) } int counter=0, 1 20, j=0; While (A COJEj3 <= X & & j(N) { if (A { 63 Cj] = = x) { 3 counter++; j--; if(joo) { j -- j} while (ieN) { while (A Ei3Ej3) = x) } if(A [] [] = = x) { Counter +tj if(jso) &j--j zelse & break; } 解放1++; return counter;

4 3 510 Void Print_all-solutions (int dist, int battery) int n) s int energy = battery Eo 3; int sol [n] = 903; Food 50/ [0] =1 All-Sol-aux ldist, battery, A, energy, sol, of Copado); Usid all-Sol-aux (int dist, int battery, int n erergy + = battery cours; int curr if (good = 0) } goal-erery print_Stops (sol, n); } return; if (bcurr== n) return; BE COLUMN TO THE WAY TO for (inti= curr ; i (n; i++) { ill energy < dist ci3-dist cours) continue; Solfcurr+13=1; energy - = distri3-dist [curr]; all_sol_ aux (dist, battery, n, energy Sol, curry, goddon dist [currais]; solcour+1] = 0; energy+= distEi]-distEcuri);

Scanned by CamScanner