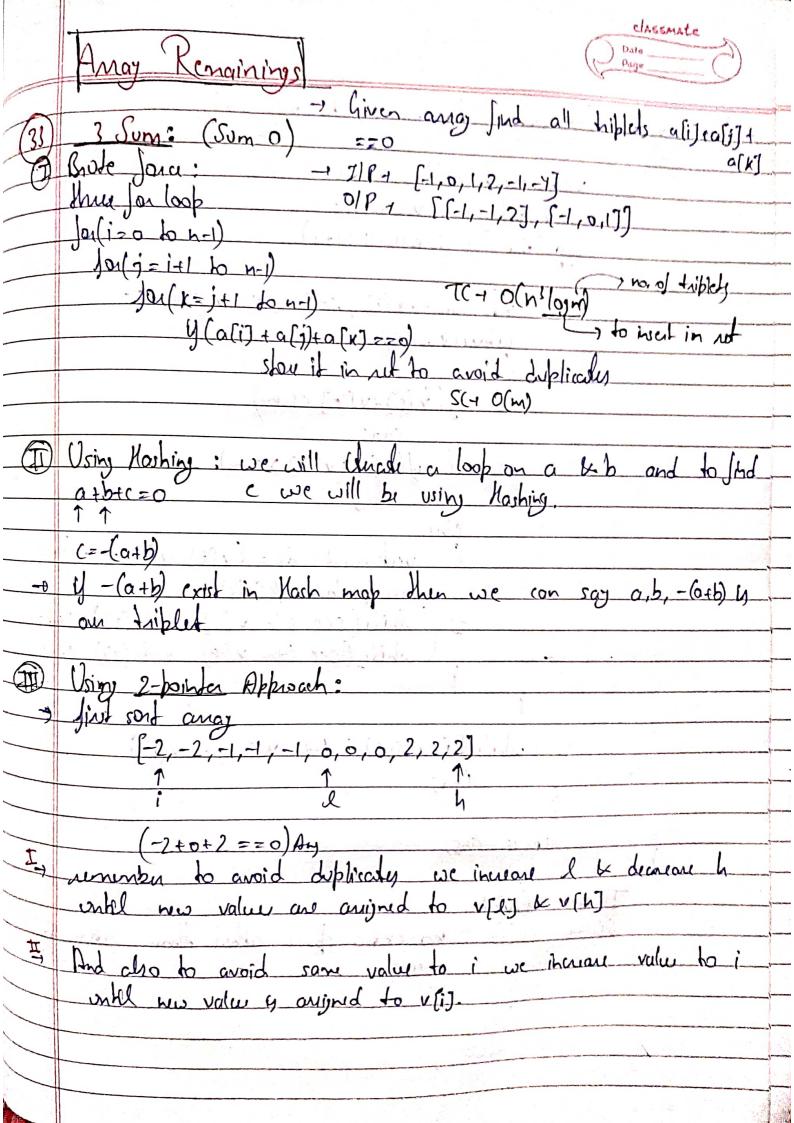
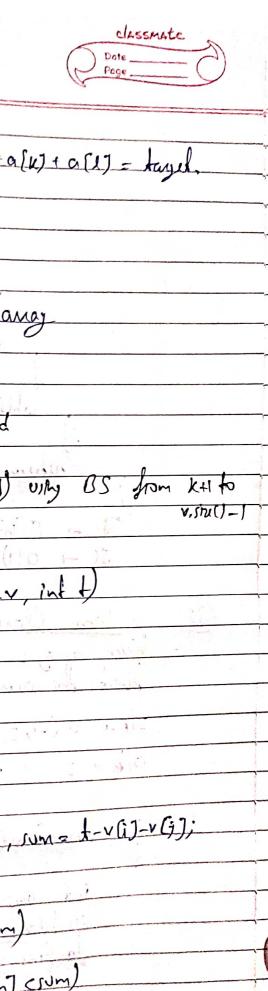


int len = size of (am (o)) to calculate length of any Points in Binay Scouch

Of Start & end au all approx INT MAX, then (l+h)/2 => l+(h-l)/2 / y overflow oceur. (l(zh) = (h-1)>1 also ru y hu anay index got nigative cheek for boarday conditions. # Modelo cont be performed on double to float destriber # To perform on d & float we we fmod () function double a = 9.7, b = 2.3; 0/6 - 0-5 coulce Imad (a,b);



· vedarevectorents thusom (vertoreints by) vectorevectorisinty ans; sort (v.b.gin(), v.cnd()); Jac(int i=0;icv.size();i++) in sum = - V (i) , s= i+1, e= v.sizl()=1; while (e.sce) y(v(s)+v(e) csm) che y(v[s]+v[c]>sum) { vedercints de = {v[i], v[s], v[e]}; ans. bush-back (ds); I ( while ( see bb v[s] == ds[i]) -S++; while (see bb v(e) = = ds (27) e--; [while (icusize()-1 bb v[i+1] == v[i]) TC - 0(N2) SC - O(1) no extra space other than returning



(14) 4 Sum: · Given ang, b staget find a:(1)+a(j)+a(u)+a(1) = tayel.

I/P+ [1,0,-1,0,-2,2] +=0 0/p-1 [[-2,-1,1,2], [-2,0,0,2], [-1,0,0;1]] B 3 Som approach + BS 3 pointer (i,j,k) + BS : flut routes anay i j k y y y 28 -1 sonked X=16 to now we will find (x-v[i]-v(i)-v(x]) with BS from k+1 to T(-) O(N3(0,N) 2 Simila to privious approach (I) veclos eveclos cintos janson (vecloscinto & v, int + veclore veclore into any soid (v.byin(), v.cnd()); Jos(int 1=0;1 < V. 5121 (); i++) Jos(jzoi+1; j < v.sizi; j++) in lejt, he v, rize()-1, rum = t-v(i)-v(j); while (Ich) U(v(1)+v(h)>som) else if (v[l]+v[h] csum)

vectoreinto de = {V[i] V[i], V[i], V[ii], ons. bish-back (ds); while (Ich bo ds[2]== v(1) let; while (Ich be ds[3)== V[h] h== while (j < v. size 0-19ch v (j] = zv (j+1]) j++; while (icv.,15/1)-1 & v[i]=2v[i+1]) i++; T( - 0(h3) 3 Sun Clarest. Given away & tayet, find three numbers in any sell that the run y clout a equal to tayet. Illa a [-1, 2, 1, -4] +=1 Olb + 2 (-1+2+1) in thussen (reckerints by int t). int ans v(0) + v(1) + v(2); soil (v.bestal), read()). Jos (int 120; 16 V. Size ()-2; 1++) il (iso ble v[i] == v[i-]) contine; in l= i+1 h= usize ()-1;