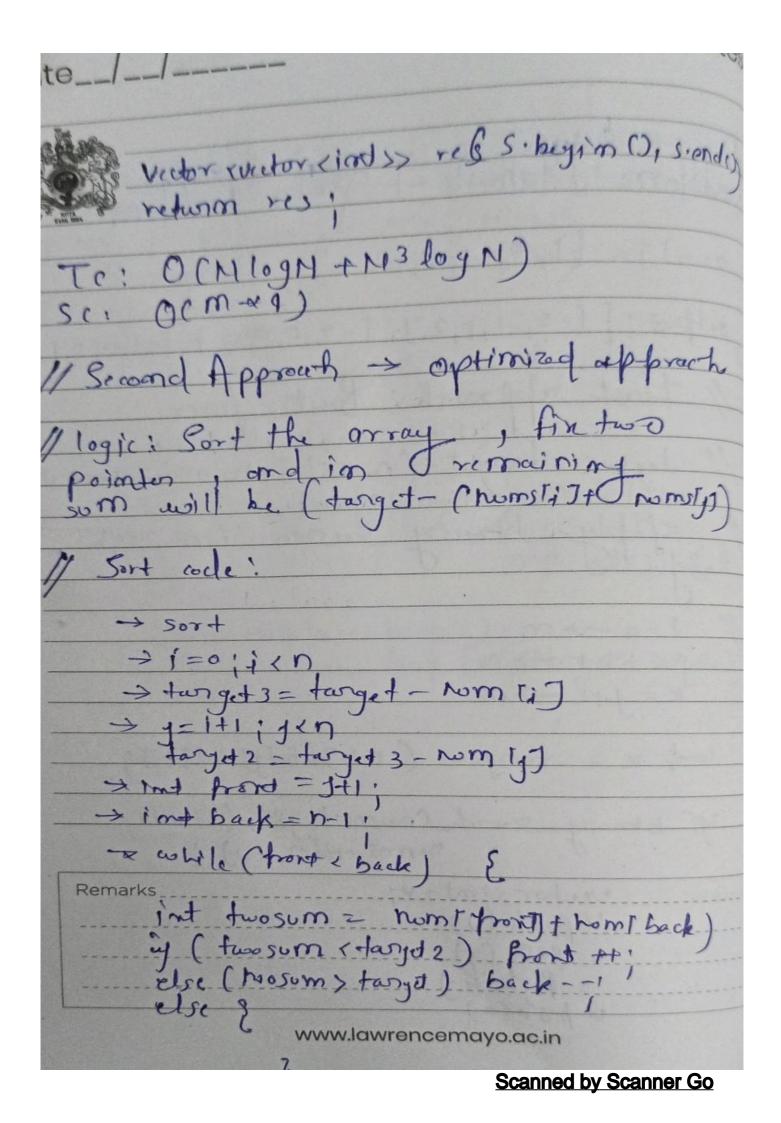
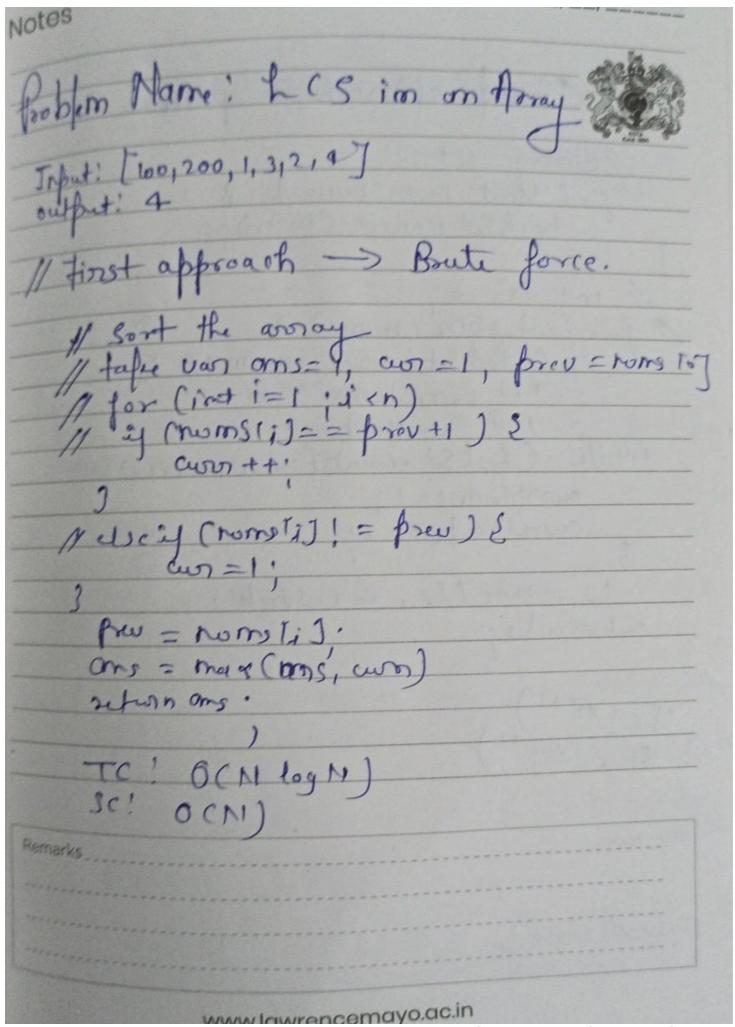


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/ Sward Approach: Two Point of / Third approach: Tc: 0(NJoyn) asc:
TC! O(NJOJNI) - CT
11 Third approach: TC: O(N)
me meet
1/ osing map
Vector cintyres;
Vector < intres; umordered map < int, int > mp;
Jor (mt 120; 1 (n; 1+1) Siy (mp. Jund (tury) - numstr]) !=
The Complete of a contract
a (who hand (40) =
mp.endes) {
((((((((((((((((((((
res emplace back (i)
- res. emplace-back (nipt turget-mons)
- return res!
wblums (1) = 11
- Jam rece
Remarks
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Date__/__/_ votes Roblem Name: 4 Sum Boblem amij=[1,0,-1,0,-2,2], target=0 output: [[-2,-1,1,2], [-2,0,0,2], [-1,0,0,1] // First approach: Brute force // degic: farget-(nonsli]+numsly] +numsky) Laly. Binary season in right long x = twoge - (nli)fn[j]fn[t]) "y(bionary - sunch (nums begins ()+k+1,
nems.end(), x)) { vector rint , v; Remarks V. push (1) v. Push (1) v. Posh(k) v. posh(a) www.lawrencemayo.ac.in





Date/	No
Second approach - optimal	1111
// Jor C Got num: nums) ? // for C Got num: nums) ? hash Set insert (num);	
// int ls=0' // for (int rum: noms) & // for (int rum: noms) & if (! forhst. count (num-1)) & int cum/Num= Num;	
while (hohSet. (ount (awy Mom +1)) {	
cursheaf t=1; 3	
s=max(l), wrrstruk) noturn b;	
TCIO(M) SciocN)	
Remarks	
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