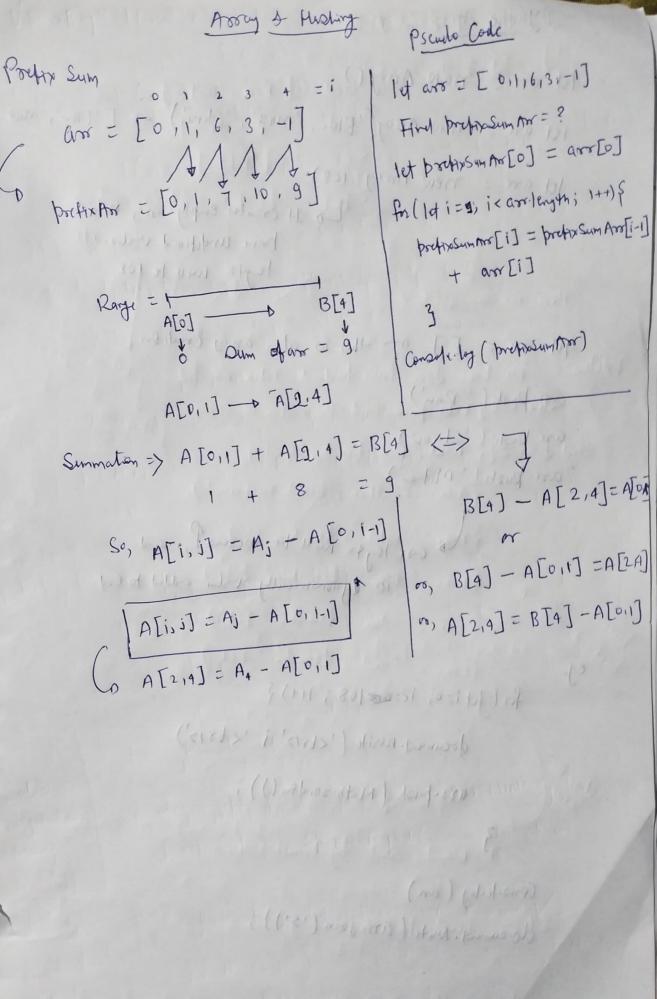
Coding Practice - o Codemin Nichart V o Method, Tricks, Tripolan police Perision -> Busic in DSA -D Jaroscip | Rent | Nodes of Sypt basic for express for intension JS w Rent 12 Nodejs DSA - 0 15 Min. 9+ 3 System Deaign. Sporker Eglish (Commination -Devolps OxiUS) Resulting -> Apply) Thirty 4 - Make Natos from Namuel Jo (Care Concept) | Follow with 10-12-23 1) Array & Harshing To Dy namic Meson to Hish usey for March Imp. o Prefo Dun @ Two Reinfus A Trus De Backfording Birry Search & Sliding window 1 Meap | Princity grane - o Lindellist of @ Grudy & Graph 9 Advanced Grapho (Math & Greatz) Bit Manifestion



Dyamic Array in To let are z new Array () let are I new moray ('Elan', 'musk', 'stene') -> ['Elan', 'musk', 'ste'] let was = new Assay (108)
Lo It creates empt Lo If creates empty array netich / have undefined value, its 1 leggen win be 108 let are = [] of this is also array creation, are push (' Ram') are push (Shyami) 1818 (MEIN HEIN) Mr. - [Walnut (, Mayon)) La cor legen will be increas?, and its dyapramically value added to end. COSA- ENSA- ENSTANCE LANGE CONTAINS. CONTAINS. Chojn - A - Louis a) for (letizo; 1c= 108; H+) { document. nerite ('xbr12' i 'xbr12') arr-bush (Math. sandam ()); 3 Conside log (arr) document. huite (arr. join ('>'));

Hashmap M Javoscupt, Hash Map in Js we are mostly used object. Hashmap + 5 & 3 its head similar as head -14 hashmap = 8 3/2 11 1000/01/19 hashnap [tomto]=3 Key Value Pais holmon ['Roli'] = 1 } 'tomotto' Key Value tomotto 3 Potato': 9, Perse ? ? ? Prefetto 9 Pen : 3

Pen : 3 of broadson morely with 21: mapa }) eg. let arr = ['tomotto', Petati', Peri] Make Mash map, let hash = 89 for (let el (to arr) {

if (!hash[el]) {

hash[u] = 1

key. Here, If underfined, element way mitted for added, its mitted Object-Key() else { value my 11 be 9 hash [4] = hash [4] +1 object. values) 2 (board of 150 , board Object entires () If hot and extinds 13 Julie HHYLY musered by I had subjected put of an ist to the first and in

Other question in Much eg but hash = { 'civil': ['Ran', 'Mehan'] 'Meshamical: ['Subhami] - | - 1 ~ ' Cs' : ['Putit'] = (that I permant) · ECE': ['Elai, 'Stare', 'Servil'] Multiple delle Hone, we can create? 1/ [A-Za-z]+\$/3-Regex Portlem: - The Trans from brokend, when we first other in ky rate pairs and after, show in Dosen. Start bounces Const ison = [& name: 'Ram', branch: 'Civil'3, { name: 'Subtan', branch: Mechanical' 3, Snake: Relit , Arough; 'CS'31 Stane! Elan', fromin: ' ErE'3, gram: 'Stare', branch: 'ECE'3) genteral Sname: 'Sumil', bromahi. ' ECF'S Share of the Charles of the broad rake I heart, soit by brough rake. ST: - Const hash stre = { } ides to First iterate Am array; in Every Heration check branch nome to different, So yes, so he can add to, and if Some

Cost high = f 3 for (let i = 0; 1 < ex ison length; i++) } if (! hash [ars[i].branch]) { if Object keys it (thick [i-branch]) } hugh [arr[i]. branch = hash [ibranch] [arr[i].name]; hash [anti]. broad]-push (artij. name) P-2: - let S = 'abedeta'; find humber of a chement; Ans a= 2 Const hash = { } for (lutizo; i < S. length; i+t) \$ if (! hash [s[i]]) } had [Stir] = 12 high [S[i]] = heah[S[i]]+1 123 has promo probag 31-21-41-11-Console-ly (Object. Values (hush)) - A find Value in array form Console by (Mith-max (... Object. value (hash))); - o Hou, mut value Host our hash object, but here clarify, first a , so just neg te Consider (hash ['a']) 1// 2

