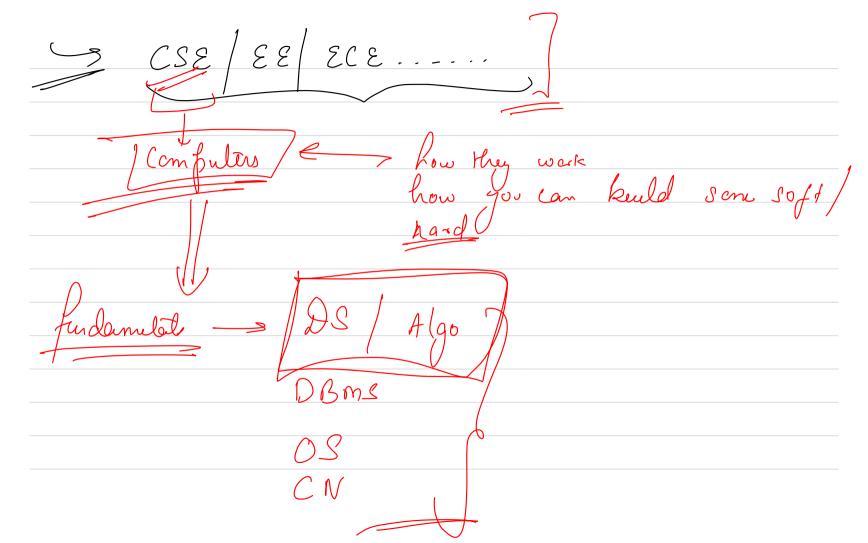


collettsch why we should do CPZ Pret repuisible CP? DS-Algo How much CP is relevant What are the famous enternational confelitions that you can parellely ate in-Where to pradice & learn Cl Hands on - problem solving Aross (Vector

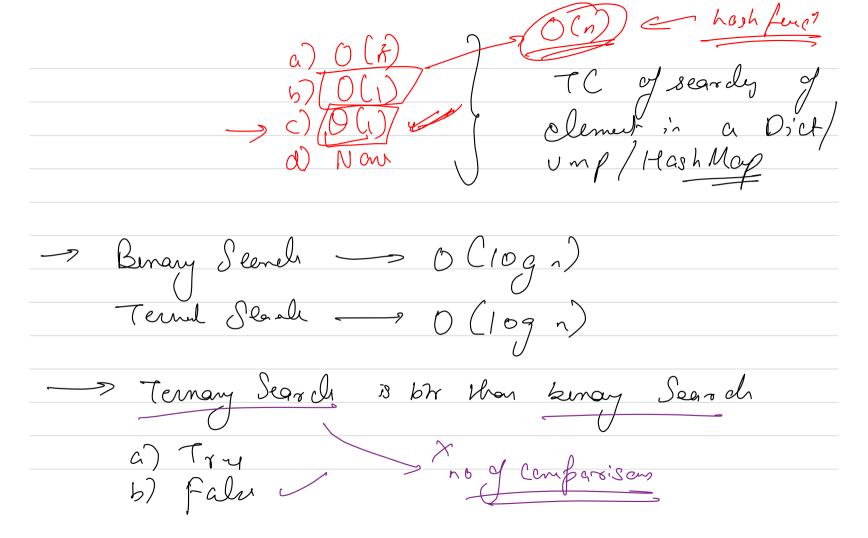


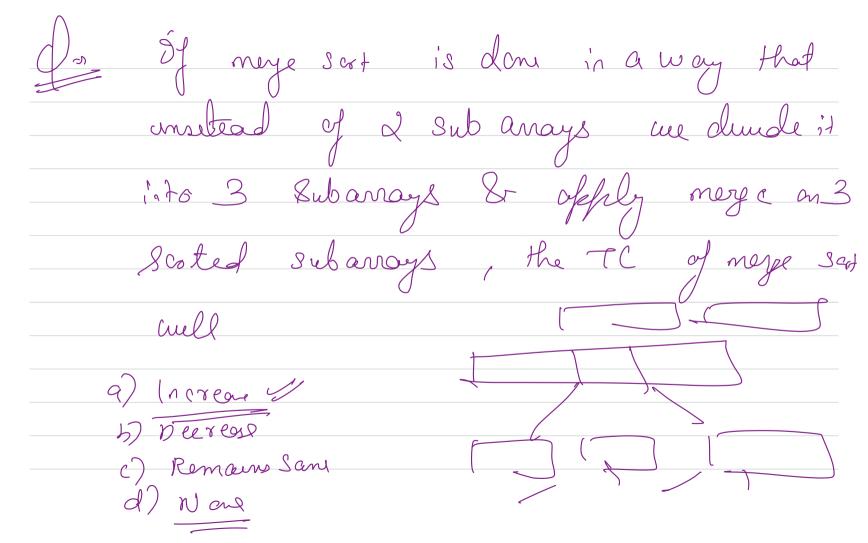
Data Stoucture and Algorithms > Programmy Lang -> C/C+7/ Jeua/ ly hur etc engg -> Solve Complen unplemely the sol Dala Stouly

is a sport programming Chess & fun eport at any coientalu of pieces on me baard find the MOST oplined mou you any given complen problems in a time bound Why to do CP23 Just fem spoot Orgines you recognition in the community > 2r helps in ûntervieu freparation goagli Amaza Walmart Directi Codenatic Spainkly

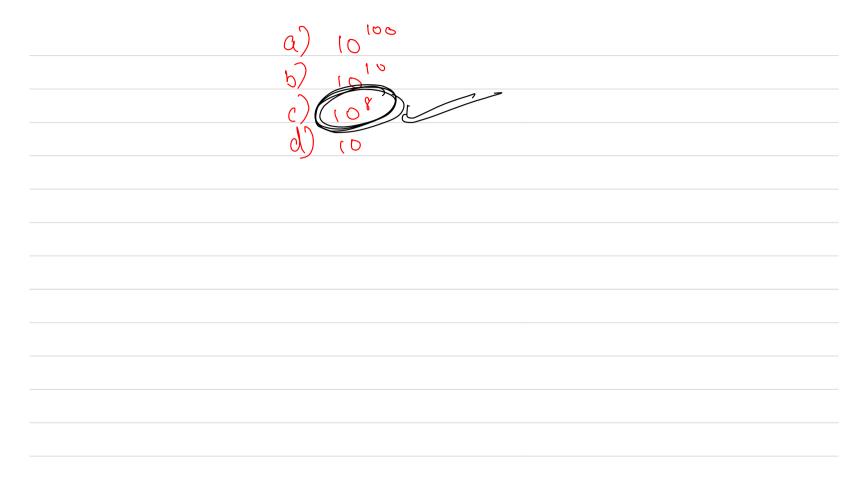
H Pre-repuisite for [12? -> Just basic (very basic) Knowledge of any) - 100ps, condulants, Punches, Input but ready to compete in CP =

ll stack, quer les Map / Dict/ump 190 Rynamir Corpun





What lang for CP? Because C++ is faster than Jave - Tymer - My Man Ruby Mr. Most of the community of CP do submet in Cr7



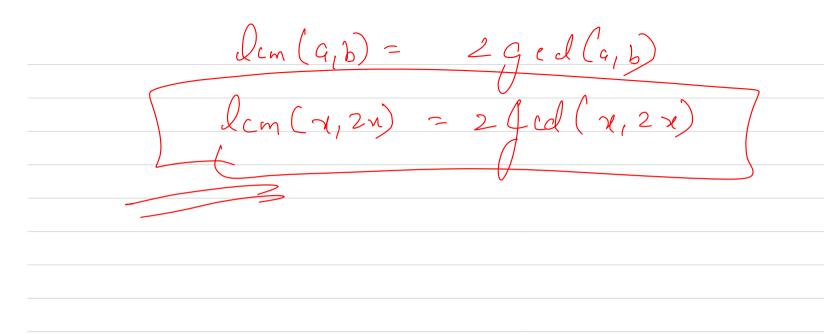
2,3,9 nos 7 ! none

 $\int \operatorname{lcm}(a,b) = \operatorname{dgcd}(a,b)$ $\operatorname{lcm}(a,b) \neq \operatorname{gcd}(a,b) = a \neq b$ ged (a,b) = 2 g cd (a,b) arb = 2gcd(q,b) rgcd(q,b) $C = C^{\circ} \times \operatorname{gcd}(a_{1}b) \qquad \int C_{1}, C_{1} \geq 1$ $b = C_{1} \times \operatorname{gcd}(a_{1}b) \qquad \int C_{2}, C_{3} \geq 1$ Cix(j°xgcd(4,b)2 = 2 gcd(4,b)2

$$Ci = 2$$

$$Ci = 3$$

$$C$$



fer any no. an Calculate the nord Q gresent in me) Hash Map

