

Int num Ways (int coins C], int n int sum ) int dp [sum+1] [n+1];

for (int i=0; i<=n; i++)

dp [0] (i]=1;

for (int i=1; i<=sum; i++)

dp [i] [0] = 0; Clipboard for (int i=1; i<= sum; i++) {

for (int j=1; j<=n; j++) }

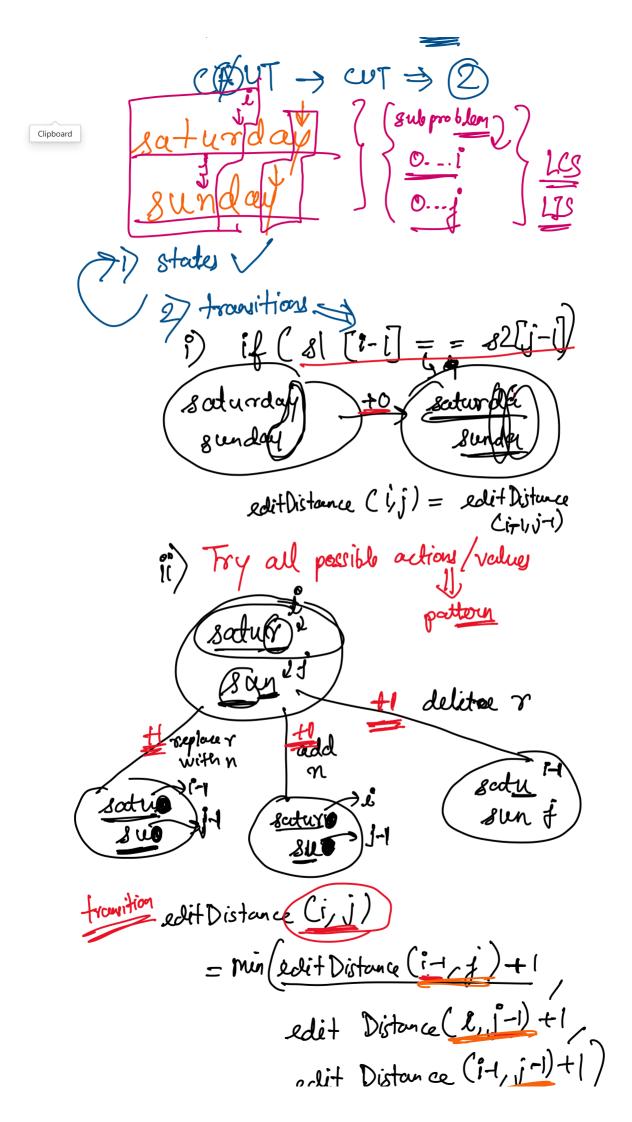
dp (i) [y]= dp[i] [y-1]; // do not

if (coins [j-i] <= i)

include 
dp[i][j] += dp[i-coins[-i]

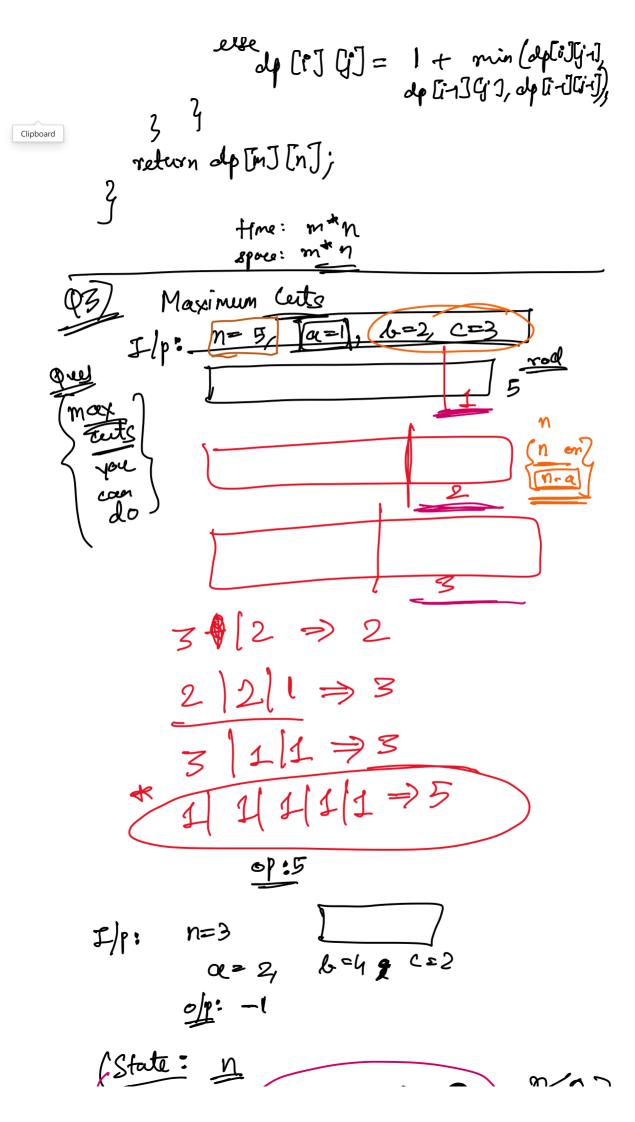
[j-i]; return of [sun] [n]; time: O (sum + n)
space: O (sum + n)
O (sum) HW Distance Problem > Delete any char in &1 > 2 Add a char at any per in \$1 in

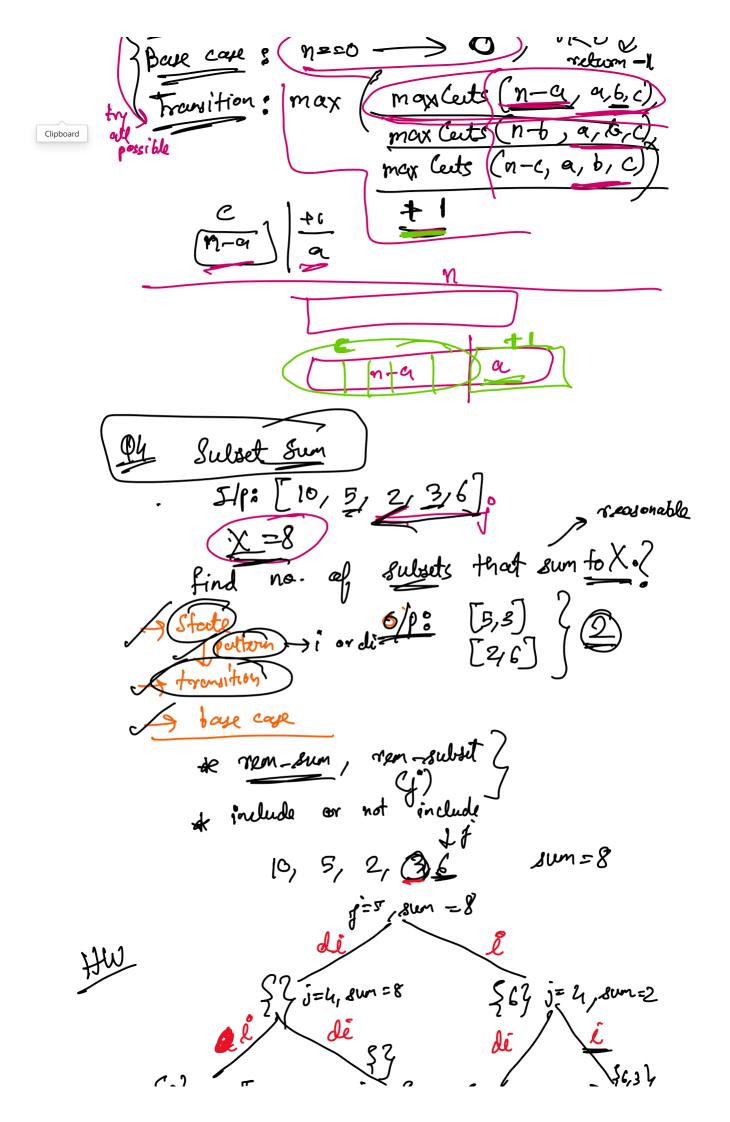
Replace a char at any resh

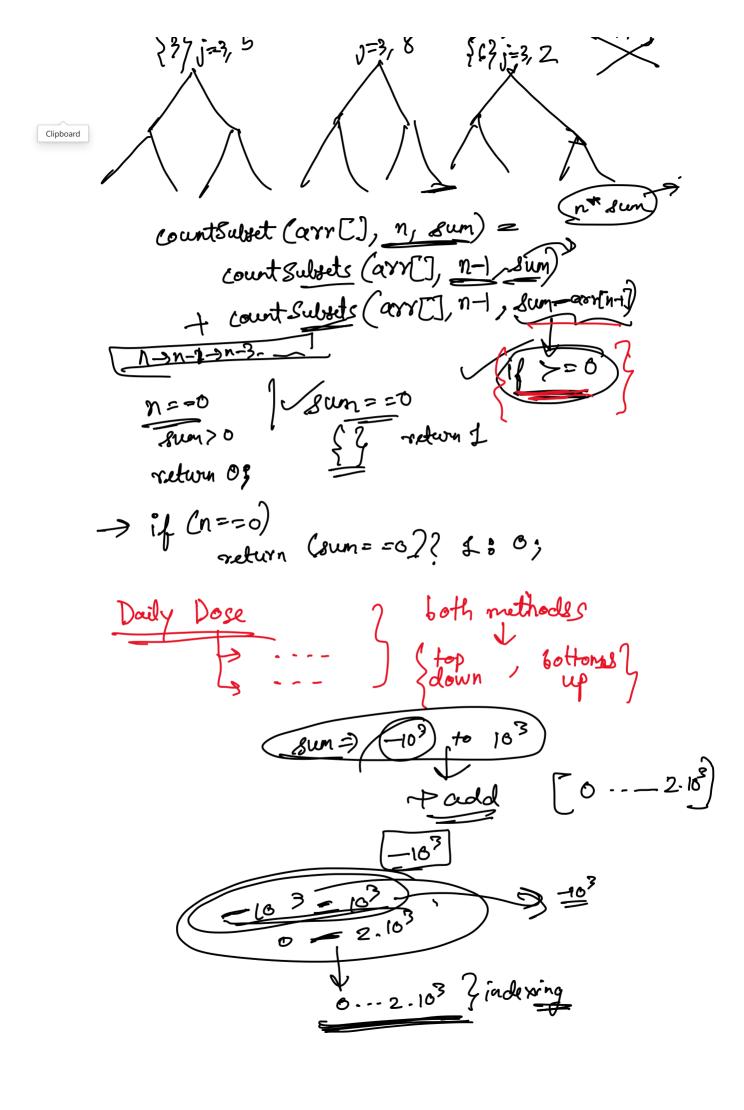


Clipboard de [i] [j] = edit distance s[[0...i+] int edit (string& 8), string& 82, intm, int int ap [m+i] (n+i); for (int i=0; i<=m; i++ for Cintj=0; for (int i= 1; i=n; i+t)
for (int j=1; j<=n; j+t) if (81[i-1] = = 82[j-1])

dp[i][i] = dp[i-1][j-1];







Clipboard