## Edit Distance

SI = horse

Minimum Operation: Inserting
Remove

82 2 705

Replace

Is it always possible? - Yeo at n+m operation

String matching:

No No No

match = We got the char we move

70S 1 forward

But not mark: We have can do 3 operation in the string as we know,	
(1) Invert	
3 pelete and move forward	
(2) Replace and try to match	
Try always and find minimum - Reussian	
horse ros sur made it we can't made	
we con't made	

Remosion.

2strigs f(misj)

Bore if (j <0) return 1+1;

if (i(0) return j+1;

12 n-1, j2 m-1.

find min operation

S1 [0---- a]b

S2 [0----- J]

Explose of (SOL) [i] = 2 52[j]) return 0+ f(i-1,j-1)

Tetuon 1 + min(f(i,j-1), f(i-1,j-1), f(i-1,j-1),

Base Case.

31 get ex housted

-14008C

if (1(0) orman j+1

me han to mintiment

me han to mintiment

in the second of the second of

So, min Operationis 2

S2 exhausted

We have min prooning

SI

hor dex

Overlappy Supposten - Menominan dp[n][m] Spau Optimisahon dp[i][j]. dp[i-1][j-1] m12[1-]) Va M W