Dinamic Programbera

Town = Bol ve Yonet e bosh olared Eibenlmyth

Bol ve Yonet yardasını artak alt programbil

tetrer tetrer cözecellirin

Diranik Aragranlama ver alt problemi

bir kez gözer ve cerabi bir tabloda saktor.

Butis Zirir Carpını Farnisi Ellenlir

Ao xe x Bexis = Cor elde etned ign teplon capun segiv in x x x = xoor

Gerpin Sicol A: 10 100 Az: 100x 5 y: 2-20 1-) (A1.A2).A3 -A.Az = 10 ×100 × 5 = 5000 - 000 corprise A12=1025 A12. A3=10×5×50=2500 - quet cu:pro 123 = 10×50 - 7500 stob sepin Az.Az = 100x5x30 = 25000 = 00ct cupin 2-) (A1. (A2. A3) -> ADS = 100250 AL. A23=10×100×50 = 50000 0 saver Ans= 10250 = 75.000 skoker netrio

De problemisoria benjumer suc ile korbunçi

Clax Pourteslence

$$A_{2}$$
, A_{2} , A_{3} , A_{4} , A_{5} , A_{6} , A

$$F(n) = \frac{1}{n!} \left(\frac{2n-2}{n-1} \right)$$

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U= 4 1810

$$\frac{1}{4} - \binom{6}{3} = \frac{1}{4} \cdot \frac{654}{32.1} = 511$$

V=10 ,5, V

1 = 1 - - - - 1, 1, 2, 5, 10, 42, 132, 429, 1430, 4362, 16396 1, 2, 3, 4, 5, 6, 7, 8, 9, 9, 10, 10, 11 = 0

Optind Pointerleme

A in 5 = A ... Le Abert ... 3

La Ap notrisine Az notrisine boot carpiner

15957 50

M[P, j] = A:...j 'y; hespland ; cin gerelen min Cupma sayuni ; Rose eder

Problem = Di v i m [i, n]

A: -- = A: -- >

Ara Formal

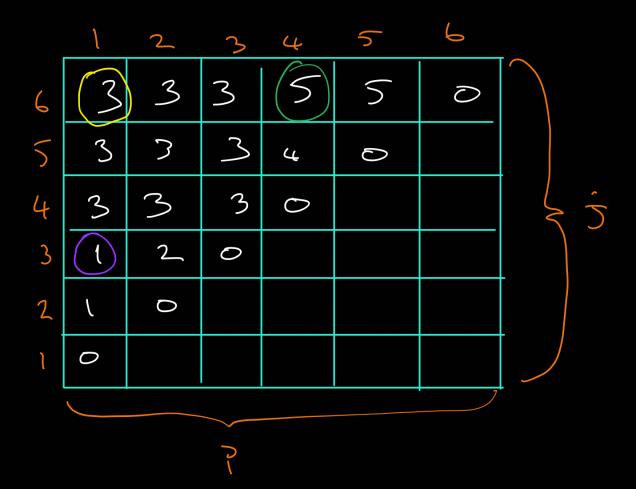
M[13]=M[18] + M[24,5] + P-1 P-5

ic: -2 min & m[i, 2] + m[k+1, 5 + Pi-1 Pe Pi-A1.A2.A3 A1: 102100 (POXP) Az: 100x5 (PixPz) Az: 5x50(P2-P3) M[1,2]= m[1,1]+m[2,2]+P;-1 Pz P2 25000 m[2,3] = m[2,2] + m[3,3] + P, P2 P3 lvo 25,000+ 50000 =35000 m[1,3]= m[1,1] + m[2,3] + PoP, P3 と=1 0 27000 10 1000 30

E-2-3M [1,2]+M [33]+ POP2 P3 2500-45000 = 5000 0 10.7.50 = 2500

 $A_1A_2A_3 = (A_1A_2).A_3$

F=5 25/2013



S[9] = A:A:+1--A; zincinini Az e Az+11
aroma sopribra syma ¿ dezei

$$A_{1-6} = (A_{1-3}) \cdot (A_{4-6})$$

$$= (A_{1} \cdot (A_{2} \cdot A_{3})) \cdot (A_{4-6}) \cdot A_{4} \rightarrow er \quad optimal \quad \text{sarpna}$$

$$= (A_{1} \cdot (A_{2} \cdot A_{3})) \cdot (A_{4-6} \cdot A_{3}) \cdot A_{4} \rightarrow er \quad optimal \quad \text{sarpna}$$

Moliget & (2) kan of problem dr.

Zoner & (2) 1/32 Lir heap udigete

Bellet & (2) bellet rediget