7.7.2020

SIND

a-) 124 124  $b \rightarrow \left( M_1 \cdot \left( M_2 \cdot M_3 \cdot M_4 \right) \right) M_5 \rightarrow \left( M_1 \cdot \left( M_2 \cdot \left( M_3 \cdot M_4 \right) \right) \right) M_5$ Suru 3-) V = \ N=4 V=8 2 69.536 16 256 314 4/2 4522 4523 451  $\int 3$ 54 <u>S</u>  $\mathcal{C}$ 5 رصع (અ) W00 1000 1000 1.5 log log n  $\bigcirc$ 40.320 VI 2 24 109 2 0 2 64 6 Nogn 24  $\frac{1}{2}$ 2 256

Soruly 2205131 -> (N+1) 20FC1 35 ١١١ V=8 mhile m y N=4 whe ~ 3 N-7ne X Sorri Moster Tearen!

T(n)=a)(2) + (1)(2)+(1) O(nd) a co (n) lyn) 0=6 O( papa) cos a=1 b=2 c= 1 d=2 921 622 620 020 T(n) = 2T(n/4) + 5n + 42 $0(500) = 12 \qquad a ? 6$  2 = 4a=2 5=4 c=1 3=1/2

T(n) = 3T(2) +3, n+1 a ? bd a=3 6=2 c= 3 0=1 5(nlog23) 2016 ५-व ६८ ७८०५ x=bd caba コレメーコト 5 S 0 0 0 0 0 a 2 7 ල

3

L

5

6

C 0

9 0

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0

q 0

0

bc ba

X(17) = x(1-12) + x( 2+1,5) + PP-1 PK P5 2015 M3 14 10+2 5210 4x6 6HD 101-4 P4 P5 وم Po 1 48 36 0 6-4 430 7=2 340 4 3 0 k=2 360 240 0 6-1 k=2 200 D 6=1 0 10 10 5 lo 480 1,4 = 2 4 2 4 = 640 -100 100 240 3,4 3 4 = 660 GJ 25 -3,5 22 2,3 415 5 2,4 5,5

$$M(1.3) = (1.1) + (2.3) + P_0P_2P_3 = 360 - (1.2) + (3.3) + P_0P_1P_3 = 500$$

$$M(24) = (2.2) + 3.44 P_1 P_2 P_4 = 400$$

$$M(35) = 23 4.5 4.5 2 3 5 = 36$$

$$M(35) = 23 4.5 2 4 5 = 36$$

$$M(12) = M(12) = (1,1) + (22) + PoP_1P_2 = 200$$

$$M(23) = (22) + (33) + P_1P_2P_3 = 240$$

$$M(23) = (22) + (33) + P_1P_2P_3 = 240$$

$$M(34) = (33) + C4(4) = P_2P_3P_4 = 240$$
  
 $M(45) = 44 + 55 = P_3P_4P_5 = 48$