

Complete Course on Algorithm for GATE - CS & IT



Recumbion Finction celly itself is known as reinstim. 6 to Fact (5 220 Stack Big = Small

(and ih m (4) Termington \mathcal{L} fact (int) else return (no fact (n.1)) fact(n) 22 fact (n) = 23 Recurrence Rel L. com — Value (3) fag(2) $f(n) = \begin{cases} \frac{1}{n!} & ||f(n)|| \\ n & ||f(n)|| \end{cases}$ (6) = (12 (14 (2)) = 1 6 th 5 h 4 b 3 b 2 b 1 720

Lact(in n) 65h6 Et 3(64)6566 (6 T) 4 4 15 6 6 (1)0764650G F) Non. leer progre = kecre o pron Stack spale = Stack space.

(f) Time Same