

Factorial . =  $\boxed{\text{fac}(n) = n \times \text{fac}(n-1)}$  Recurrence Relation.

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Algorithm - Step by step unambiguous instructions to solve a problem.

Analysis of algorithm - ① check whether algo is correct or not.

② Efficiency - Time, Space

Data Structure -  
→ Linear - Array, LL, Stacks, Queue  
→ Non-linear - Trees, Graphs.