Recursion-

Recursion

5! = 5 × 4!

3× 2!

3×0! factorial of a number wing Recursion. $f_{AC}(n) = n \times f_{AC}(n-1)$. Recurrin Code int fact (int n) { if (n==0) return 1) return nxfac(n-1) left-nodes < Root right-nodes > Root BST > Primitive -> char, booken, int, font > Our-dfined -> structure, Elass Dit Structure -Design & Analysis of Algorithm -Algorithm - Finite set of unambiguous instructions to complete a tack. while (1) { print ("Hello");

Tru, print (tello) \ 2

True, print (Itello)

True, print (Itello)

True, print (Itello)

break

Analysis of algorithm — (1) Check if task is performed correctly

2) Efficiency - (Time Space)