

Advanced Data Structures And Algorithms-Tutorial 3  
Indian Institute of Information Technology, Allahabad (Prayagraj)  
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P1- What are tree data structure?illustrate 2 practical example where tree data structure is used?

P2-Explain different tree traversals Algorithm? With pseudocode and example

P3- How can the bounds be determined for any sorting algorithm? Can a better bound than  $n \lg(n)$  be obtained?

P4.-Explain the Double ended queue along with its Pseudo code?