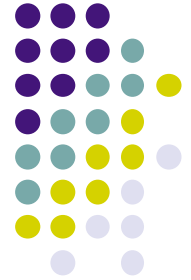


Goal-oriented programming



- Many tree algorithms depend on global properties and most of the work they do is in maintaining these properties
 - The ordered binary tree satisfies a global ordering condition. The insert and delete operations must maintain this condition. This is easy for insert, but harder for delete.
- Goal-oriented programming is widely used in artificial intelligence algorithms
 - It can give unexpected results as the algorithm does its thing to maintain the global property.
 - Goal-oriented behavior is characteristic of living organisms. So defining algorithms that are goal-oriented gives them a spark of life!