Algorithms on trees: Height

Height:

- height of a node v in T is the length of the longest path from v to any leaf
- Recursive formulation:
 - if v is leaf, then its height is 0
 - else height(v) = 1 + maximum height of a child of v
- Definition: the height of a tree is the height of its root
- Compute the height of tree T: int height(T,v)

- Height and depth are "symmetrical"
- Proposition: the height of a tree T is the maximum depth of one of its leaves.