

Question:1

What is the depth of the tree? What will be the depth of the tree with only the root present?

Question:2

What is the height of the tree? What will be the height of the leaf node? What will be the height of an empty tree? What will be the height of the tree with only root present?

Question:3

Derive a formula for finding the maximum number of nodes present in a perfect binary tree of height "h". Also derive a formula for finding the height of a perfect binary tree with "n" nodes.