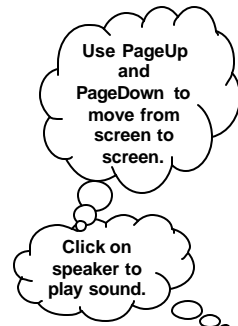
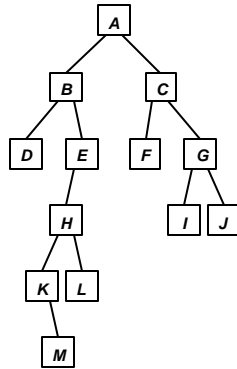


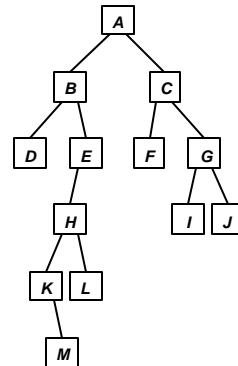
# Binary Trees: Introduction

Created by Rex Woollard



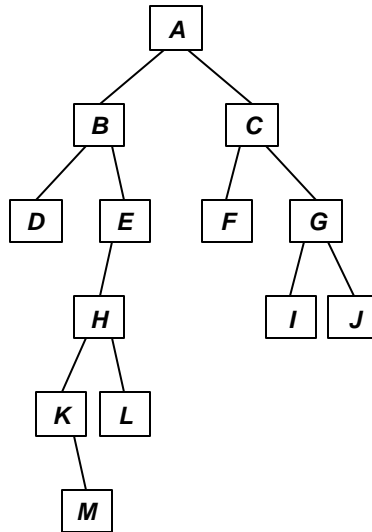
## Comparative Efficiency 1

Access Method	Array	Linked List	Binary Tree
Search (unordered)			
Search (ordered)			
Insert (know insertion point)			
Search – Insert			
Delete (know deletion point)			
Search – Delete			
Sort			



## Essential Terms

Node:  
 Branch:  
 Root:  
 Leaf:  
 Internal Node:  
 Parent:  
 Child:  
 Siblings:  
 Level:  
 Height:  
 Subtree:  
 Root of Subtree:



## Height and Tree Capacity 1

Height	Number of Nodes in Tree	Number of Leaf Nodes
1	1	1
2	3	2
3		
4		
5		
6		
7		
8		
9		
10		
:		
20		
:		
32		
Formula		

