Are non-lineal data structure, is used for store data hierchically. The advantage of thus DS is the capability of search and sorting.

Hash tables	Bad	Relative	Great
Insert		×	
Pelete			$\rightarrow$
lookup		X	
Sort	X		
size			×

## Declacation:

```
Struct node

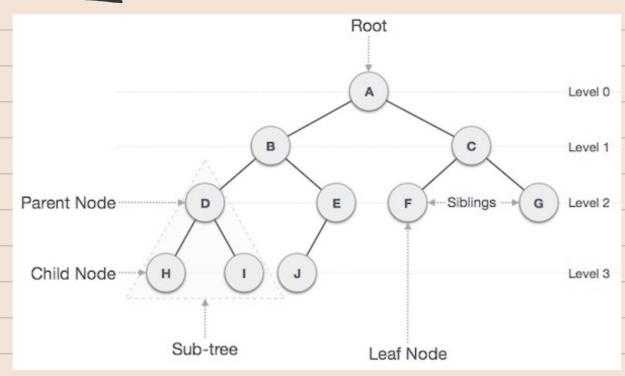
int data;

Struct node *left;

Struct node *r:6ht;

2
```

Anatomy:



Every tree starts with a root node. Children could be siblines or not.

Levels:

a) Maximum number of nodes are 21-1

where: 1 = levels

24-1 = 15 nodes

b) Minimum number of level is log (N+1)

where: N = nodes

