

# Drawing Tree with Forest

Credit: <https://github.com/HasibLearntogrow/LatexPractice>

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## Contents

<b>1</b>	<b>Create Node and Color:</b>	<b>2</b>
1.1	Use Various Shapes: . . . . .	2
1.1.1	Normal Node: . . . . .	2
1.1.2	Circle Shaped Node: . . . . .	2
1.1.3	Rectangle Shaped Node . . . . .	2
1.1.4	All shape in one tress: . . . . .	2
1.2	Coloring of node: . . . . .	2
<b>2</b>	<b>Simple Tree:</b>	<b>2</b>
2.1	Parent Node: A and Child Node B,C: . . . . .	2
2.2	More node with tree : . . . . .	3
2.3	More node with tree with a single shape(Circle): . . . . .	3
2.4	More node with tree with a single shape(Rectangle): . . . . .	3
2.5	Draw Horizontal tree: . . . . .	4
2.6	Edge Label: . . . . .	4
<b>3</b>	<b>Shifting of Tree</b>	<b>4</b>
3.1	left side shift of Tree(calign=first): . . . . .	4
3.2	Right side shift of Tree(calign=last): . . . . .	4
3.3	Align all first child node connected with immediate parent node by straight line: . . . . .	5
<b>4</b>	<b>Practice:</b>	<b>5</b>
4.1	Practice 01: . . . . .	5

## 1 Create Node and Color:

### 1.1 Use Various Shapes:

#### 1.1.1 Normal Node:

A

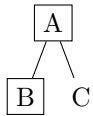
#### 1.1.2 Circle Shaped Node:



#### 1.1.3 Rectangle Shaped Node



#### 1.1.4 All shape in one tress:

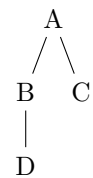


### 1.2 Coloring of node:

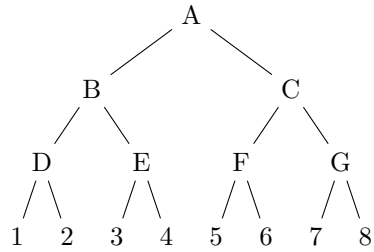


## 2 Simple Tree:

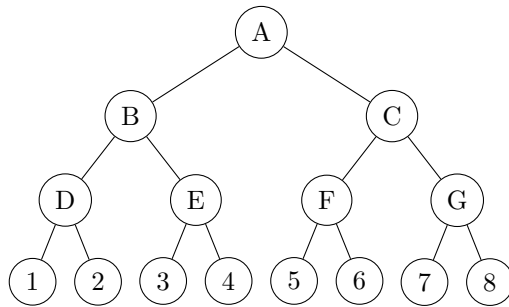
### 2.1 Parent Node: A and Child Node B,C:



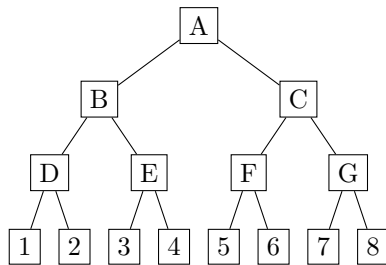
## 2.2 More node with tree :



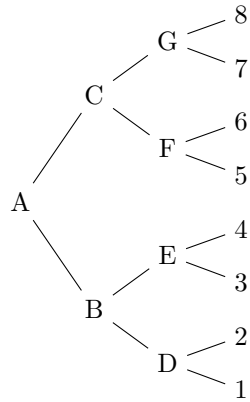
## 2.3 More node with tree with a single shape(Circle):



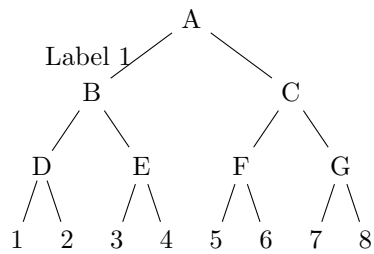
## 2.4 More node with tree with a single shape(Rectangle):



## 2.5 Draw Horizontal tree:

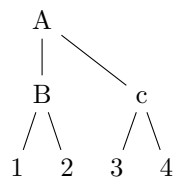


## 2.6 Edge Label:

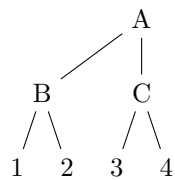


## 3 Shifting of Tree

### 3.1 left side shift of Tree(calign=first):



### 3.2 Right side shift of Tree(calign=last):



**3.3 Align all first child node connected with immediate parent node by straight line:**

