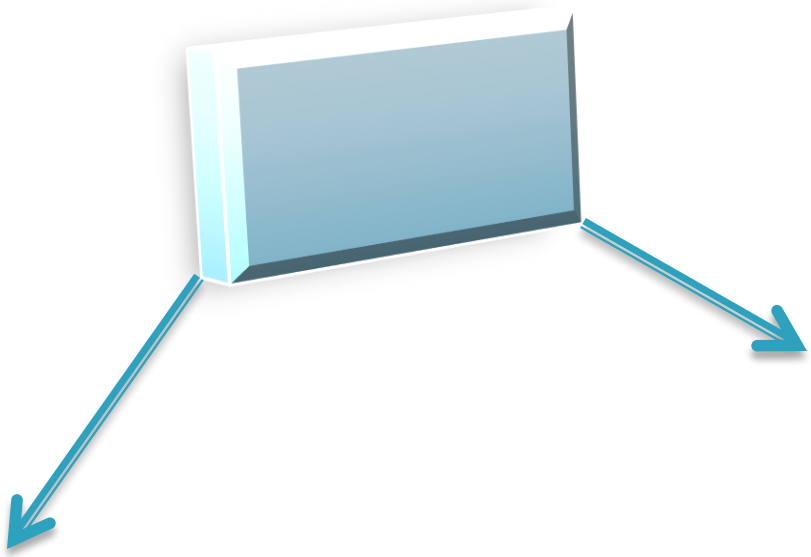
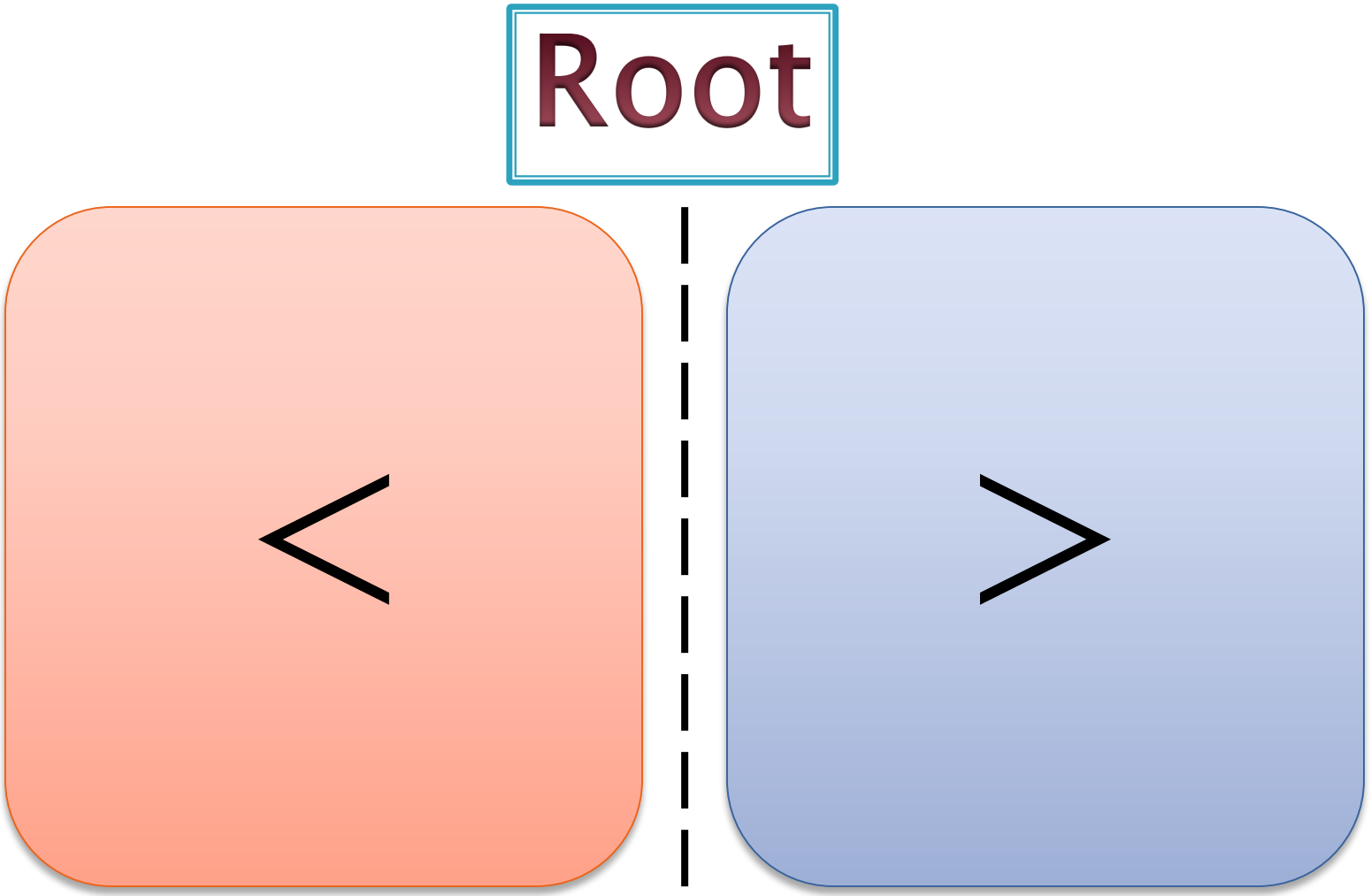


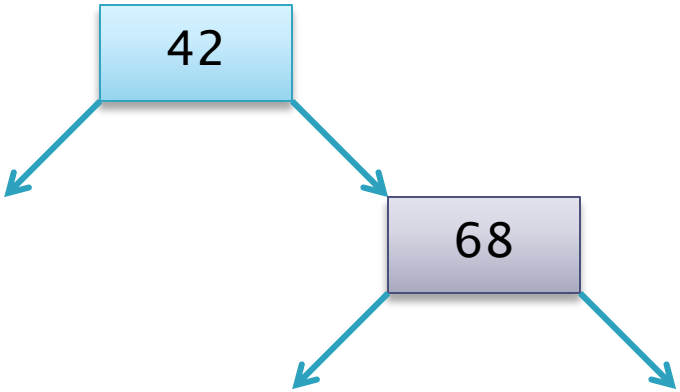
Binary Tree

Construction

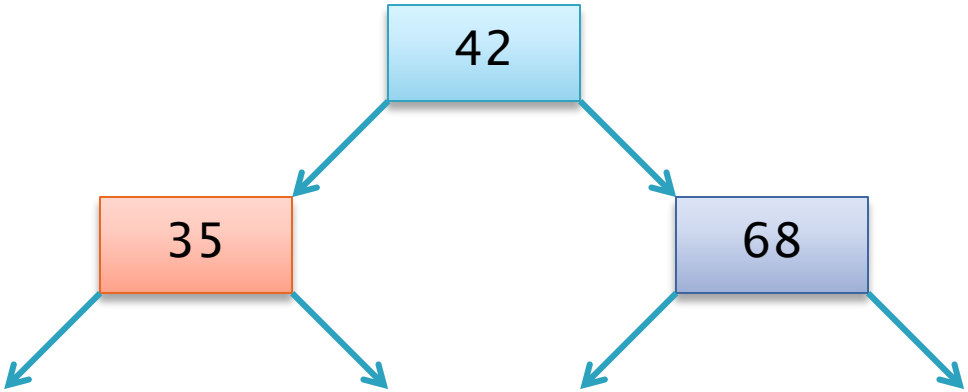

Root
<
>

Insert 42

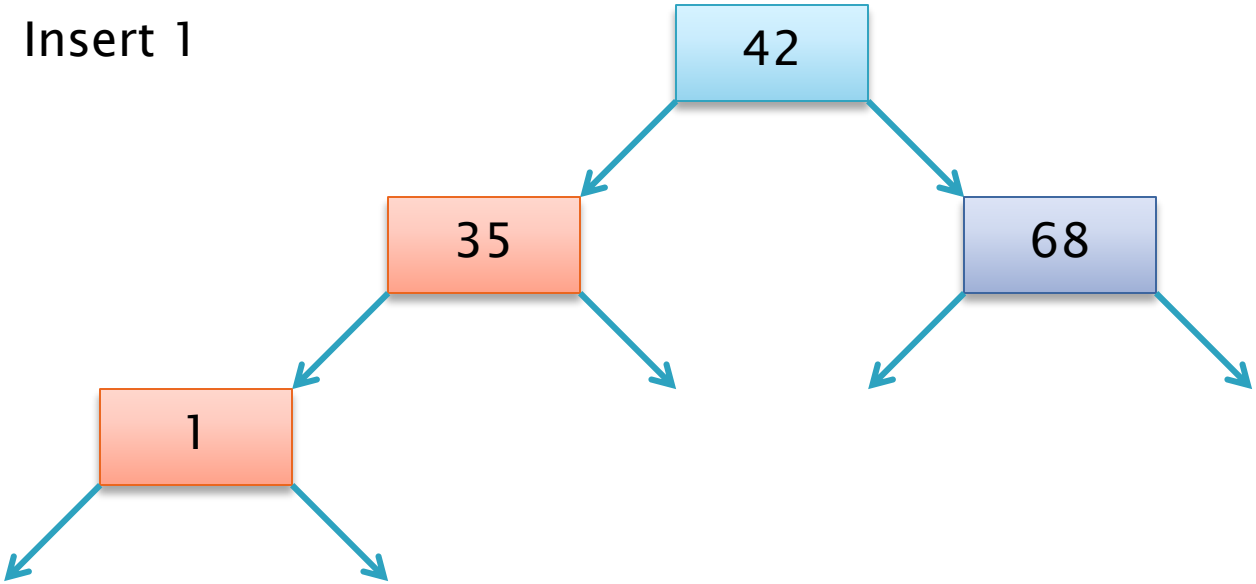
Insert 68



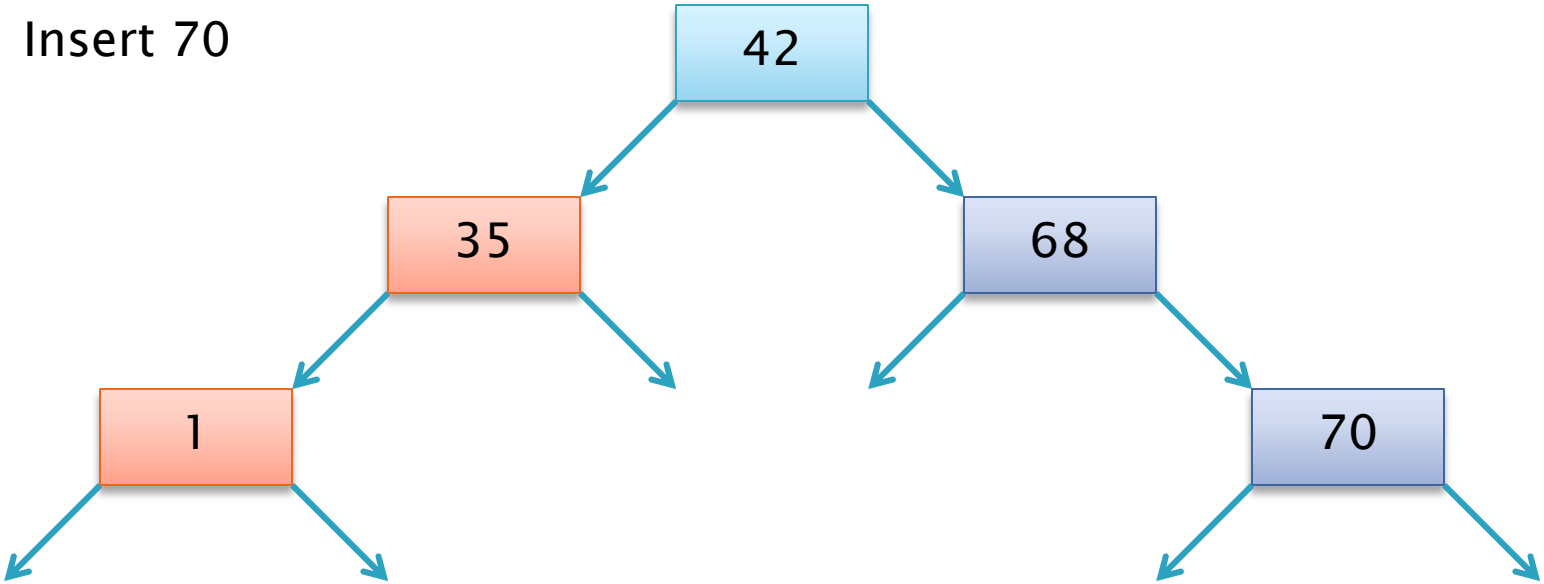
Insert 35



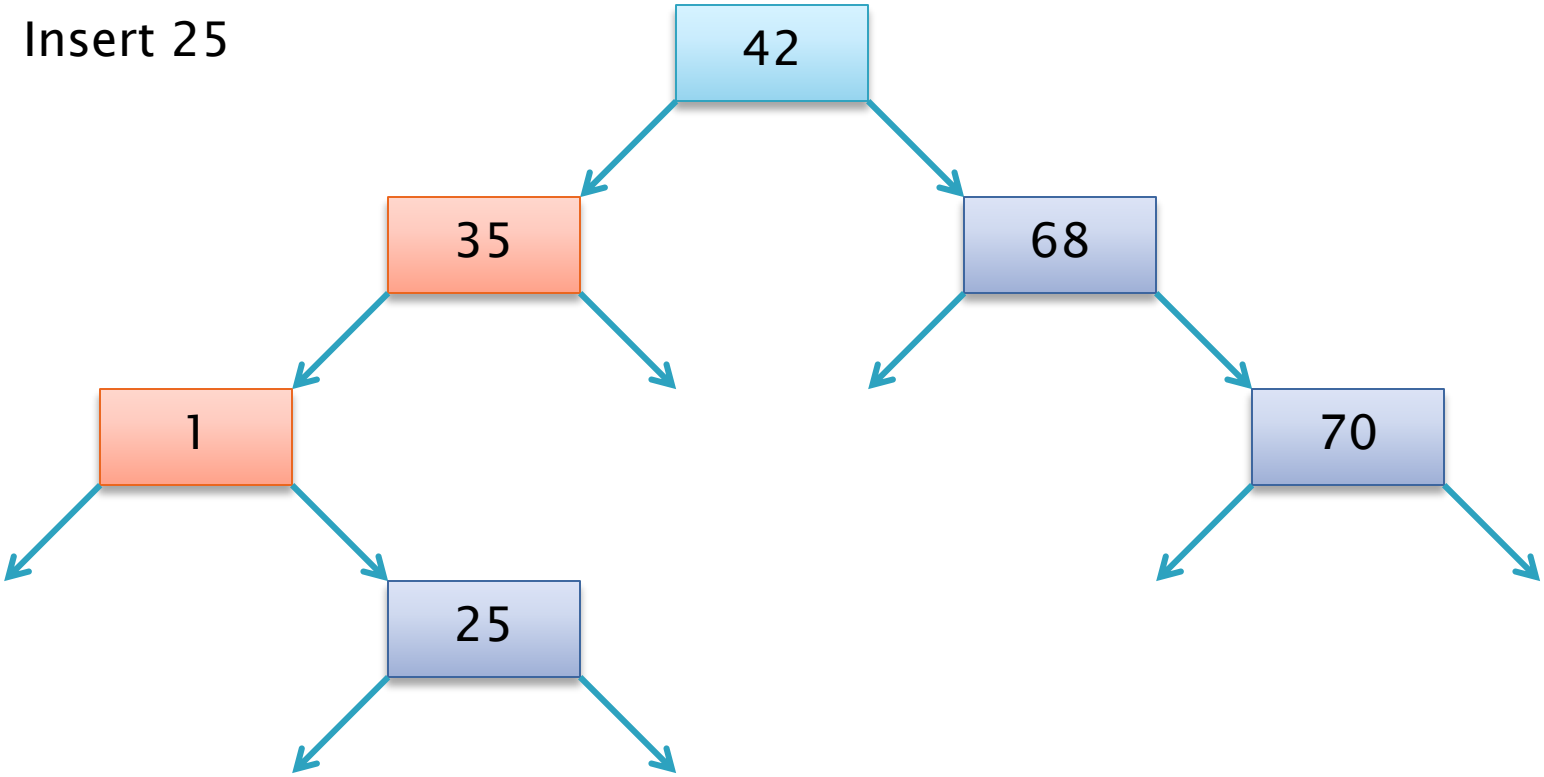
Insert 1



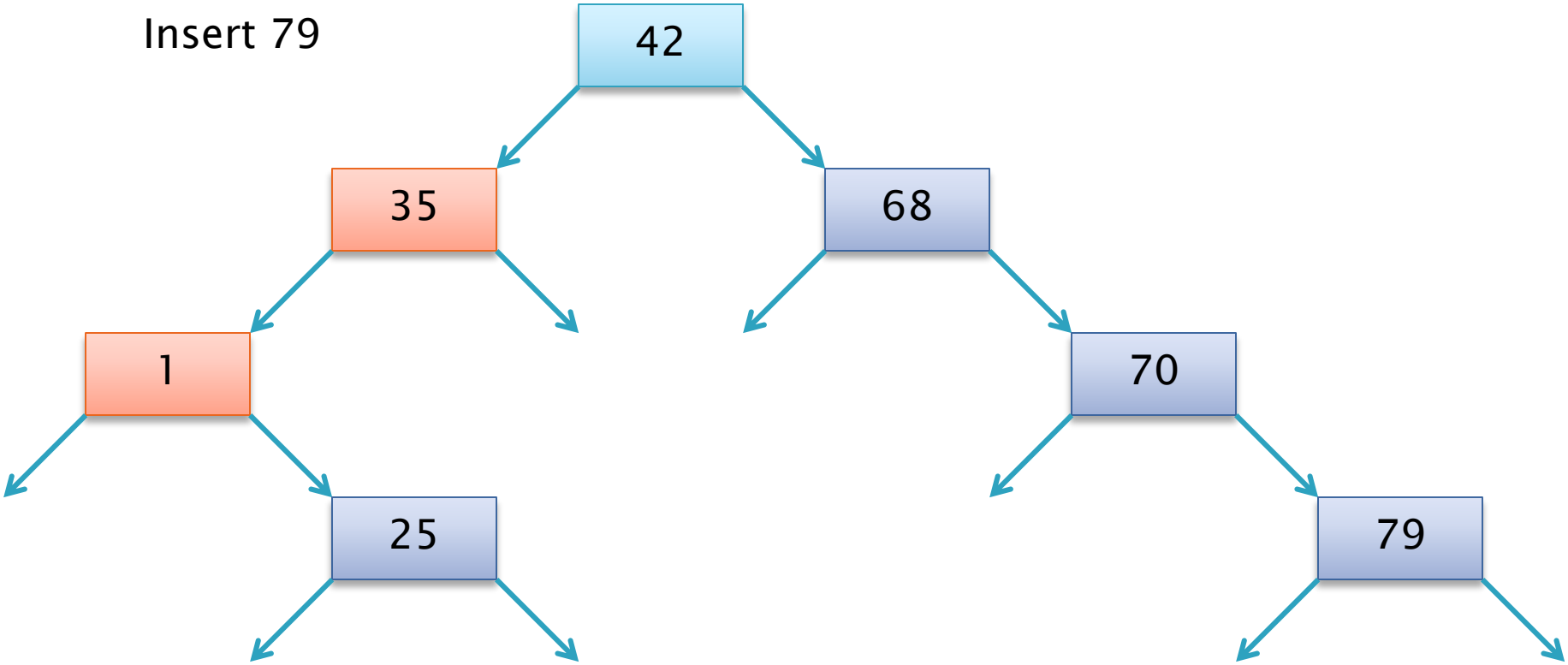
Insert 70



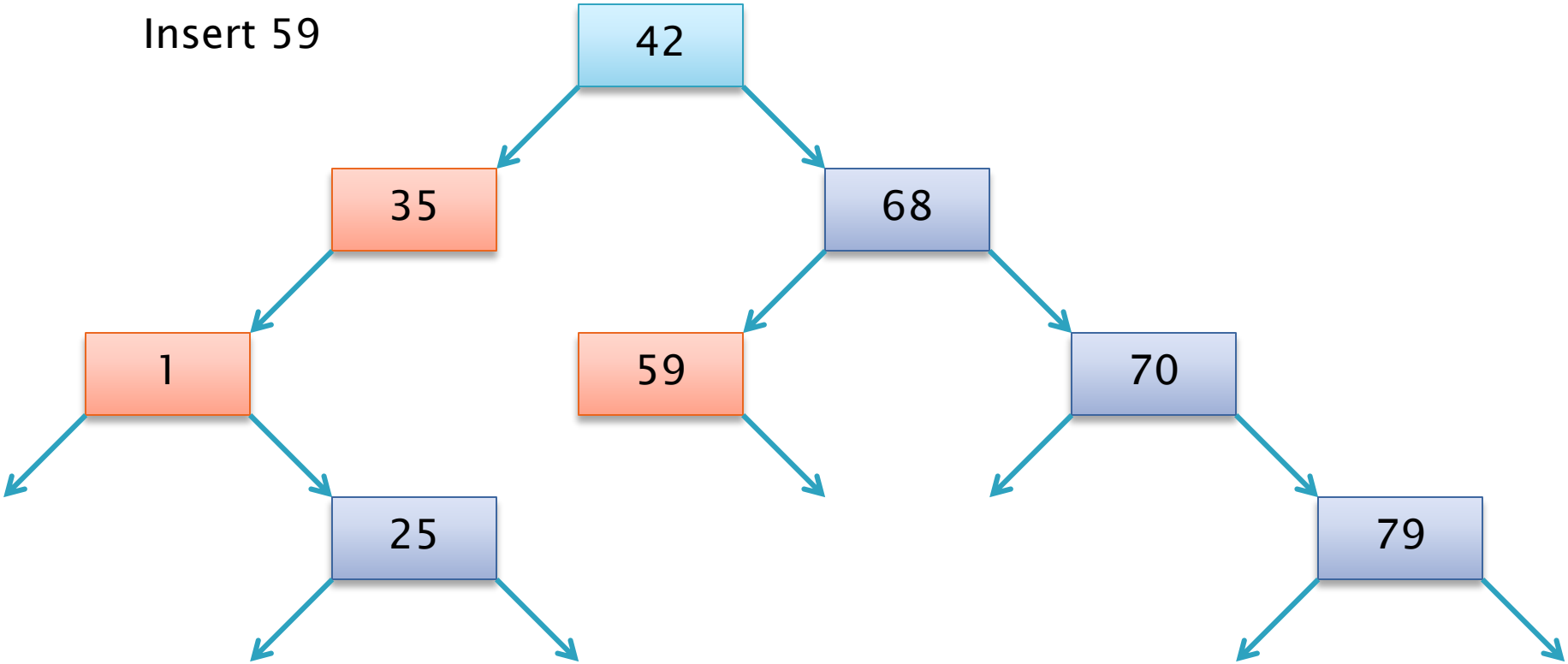
Insert 25



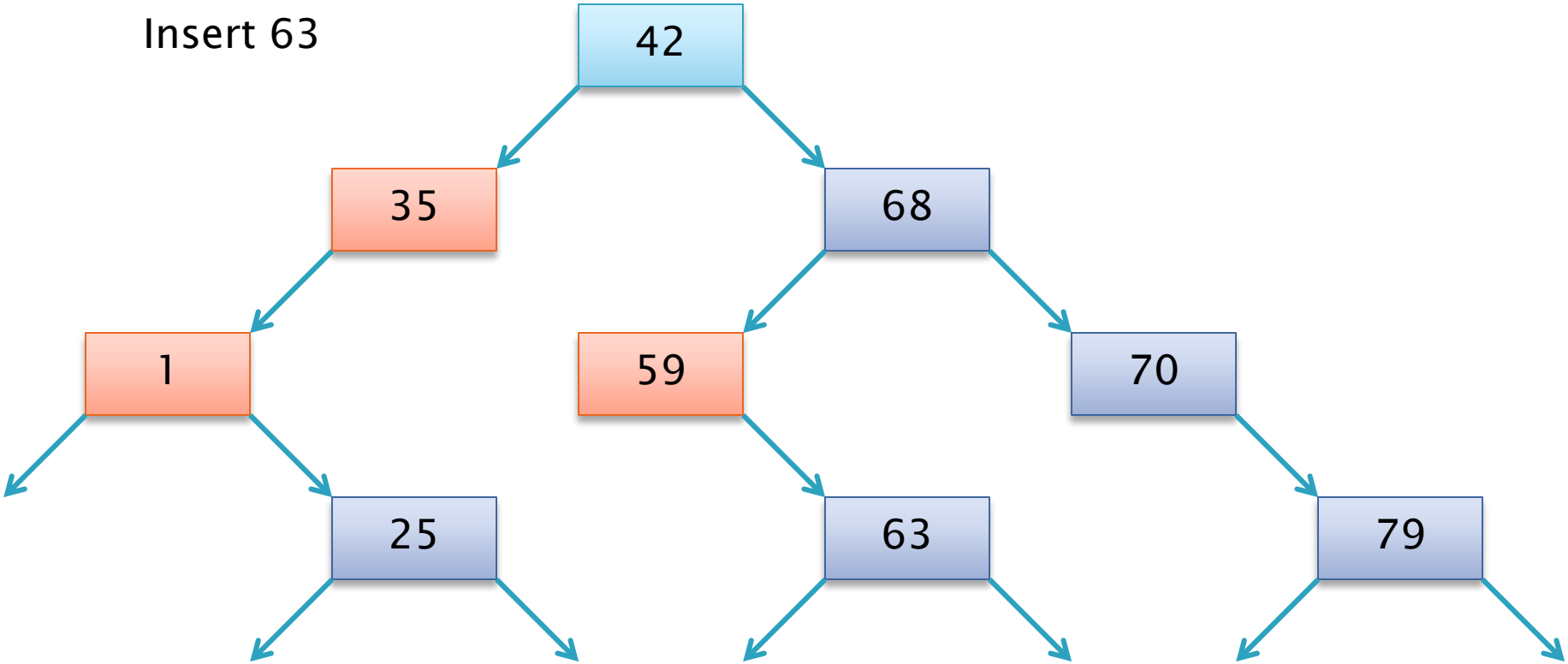
Insert 79



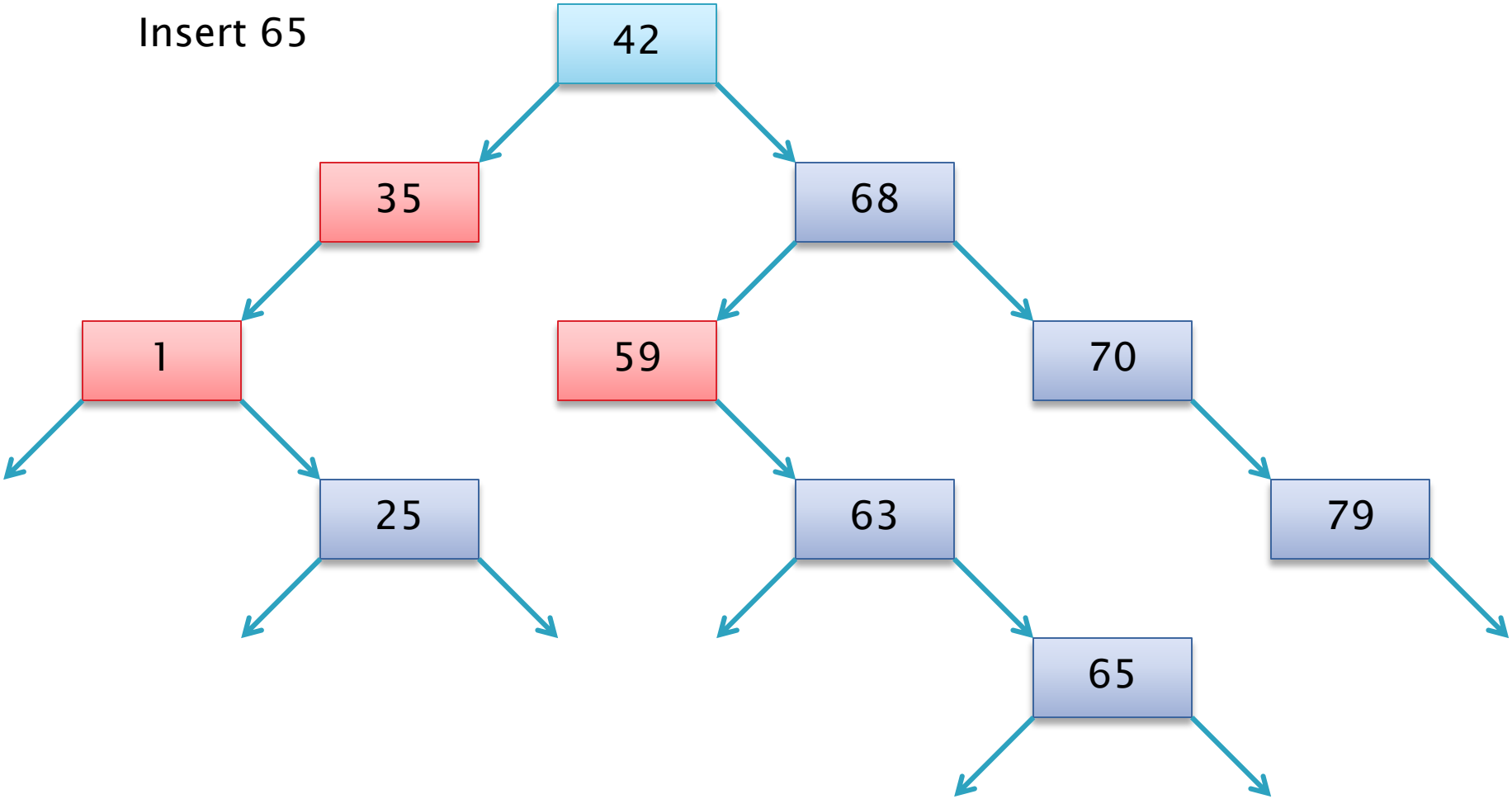
Insert 59



Insert 63



Insert 65



Insert Algorithm

```
Algorithm insert(o,n)
1               if n.data < o.data
2                       if o.left != NULL
3                               insert(o.left,n)
4                       else
5                               o.left = n
6               else
7                       if o.right != NULL
8                               insert(o.right,n)
9                       else
10                              o.right = n
```