

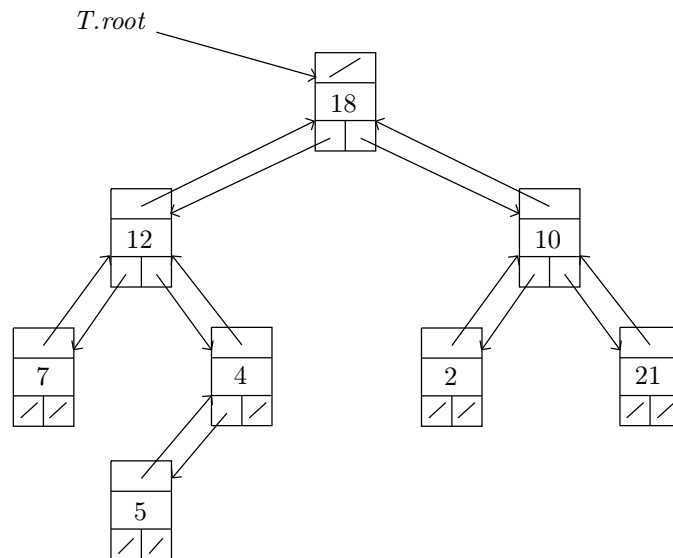
### 10.4-1.

Draw the binary tree rooted at index 6 that is represented by the following attributes:

index	key	left	right
1	12	7	3
2	15	8	NIL
3	4	10	NIL
4	10	5	9
5	2	NIL	NIL
6	18	1	4
7	7	NIL	NIL
8	14	6	2
9	21	NIL	NIL
10	5	NIL	NIL

**Answer.**

Figure 1 shows the binary tree that suits this problem.



**Figure 1.** The binary tree rooted at index 6 that is represented by the attributes showed in Exercise 10.4-1.

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