

```

n = 10

+++ Sequence to tree construction
Input sequence:
8      2      9      8      9      0      7      7
Output tree:
0      ->    7      6
1      ->    8
2      ->    9      3
3      ->    2
4      ->    8
5      ->    9
6      ->    0
7      ->    9      8      0
8      ->    7      4      1
9      ->    7      5      2

+++ Tree to sequence construction
Reconstructed sequence:
8      2      9      8      9      0      7      7

```