

preOrder traversal of the constructed tree is

- (6, 3)
- (2, 5)
- (1, 4)
- (4, 2)
- (3, 7)
- (5, 6)
- (7, 1)

Inorder traversal of the constructed tree is

- (1, 4)
- (2, 5)
- (3, 7)
- (4, 2)
- (5, 6)
- (6, 3)
- (7, 1)

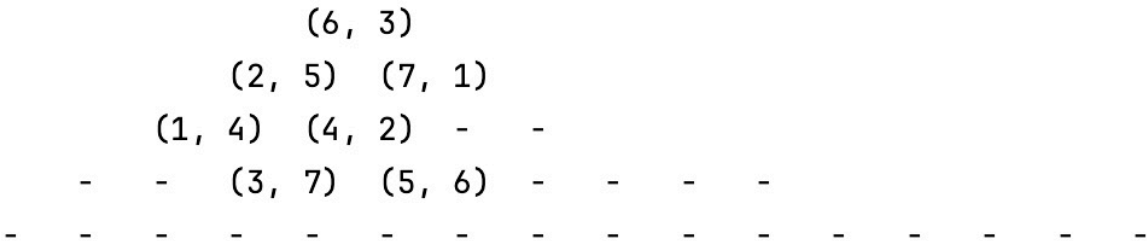
postOrder traversal of the constructed tree is

- (7, 1)
- (5, 6)
- (3, 7)
- (4, 2)
- (1, 4)
- (2, 5)
- (6, 3)

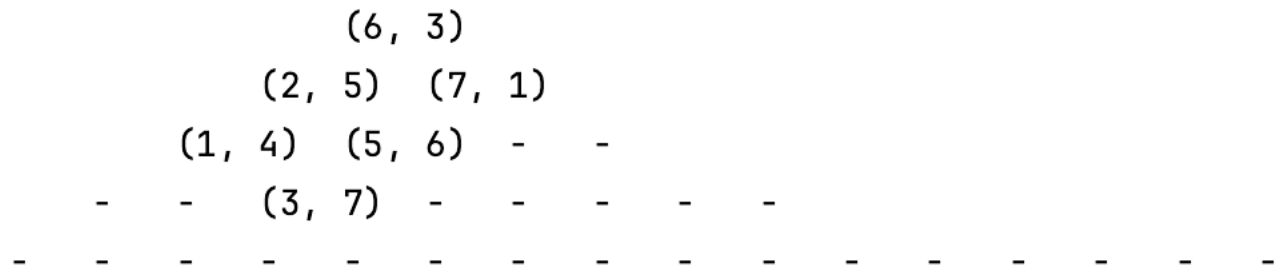
InOrder traversal of the copied tree is

- (1, 4)
- (2, 5)
- (3, 7)
- (4, 2)
- (5, 6)
- (6, 3)
- (7, 1)

The point (4, 2) is in the tree at index: 4



The tree after deleting (4, 2) is



Successor of root is: 2

Predecessor of root is: 4

The node count is: 6

The size is: 31

The maximum is: (7, 1)

The minimum is: (1, 4)

The nodes in ascending order:

(1, 4)

(2, 5)

(3, 7)

(5, 6)

(6, 3)

(7, 1)

The nodes in descending order:

(7, 1)

(6, 3)

(5, 6)

(3, 7)

(2, 5)

(1, 4)

The Code is at: <https://github.com/Flips2001/Data-Structure-and-Algorithm/tree/0e75d67f6eb444642694cde337f891b1867afb79/BinarySearchTree/src>