

Assignment 10

① Pre-Order

50, 10, 8, 5, 9, 30, 26, 31, 150, 100, 79, 126, 152, 151, 180

② In-Order

5, 8, 9, 10, 26, 30, 31, 50, 79, 100, 126, 150, 151, 152, 180

③ Post-Order

5, 9, 8, 26, 31, 30, 10, 79, 126, 100, 151, 180, 152, 150, 50

④

inOrderTraversal(null)

inOrderTraversal(null)

inOrderTraversal(10)

inOrderTraversal(null)

inOrderTraversal(null)

inOrderTraversal(6)

inOrderTraversal(9)

inOrderTraversal(null)

Console:

inOrderTraversal(null) 1, 3, 4, 6, 6, 9, 10

inOrderTraversal(4)

inOrderTraversal(null)

inOrderTraversal(null)

inOrderTraversal(1)

inOrderTraversal(3)

inOrderTraversal(6)

Runtime Stack

deleteNode(16, 16)

findSuccessor(9)

deleteNode(9, 9)

deleteNode(6, 9)