4. **(Extra Credit)** Recreate the original BST using the following traversal results.

In-order	[25, 31, 36, 37, 39, 47, 50, 54, 60, 70, 75, 76]
Pre-order	[39, 36, 25, 31, 37, 60, 54, 47, 50, 75, 70, 76]