BINARY SEARCH TREE

[7, 5, 1, 8, 3, 6, 0, 9, 4, 2]

root 7

```
        5                          8
       / \                        / \
      1   -                      -   9
     / \
    -   3
       / \
      -   6
         / \
        0   -
       / \
      -   4
         / \
        2   -
```