CS401 Lab 9: Binary Search Tree Implementation

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1. Eclipse

```
In-order Traversal:
4 10 12 15 18 22 24 25 31 35 44 50 66 70 90
Pre-order Traversal:
25 15 10 4 12 22 18 24 50 35 31 44 70 66 90
Post-order Traversal:
4 12 10 18 24 22 15 31 44 35 66 90 70 50 25
Maximum Depth: 3
Size (Recursive): 0
Size (Iterative): 15
Search for 22: Found
Search for 70: Found
Search for 100: Not Found
```

2. JAR

```
qube2@DESKTOP-A13MQQO MINGW64 ~/OneDrive - Illinois I
ments/Fall 24/CS_401/1120/CS401-lab09_Seonghwan-Lim
$ java -jar MainApplication.jar
In-order Traversal:
4 10 12 15 18 22 24 25 31 35 44 50 66 70 90
Pre-order Traversal:
25 15 10 4 12 22 18 24 50 35 31 44 70 66 90
Post-order Traversal:
4 12 10 18 24 22 15 31 44 35 66 90 70 50 25
Maximum Depth: 3
Size (Recursive): 0
Size (Iterative): 15
Search for 22: Found
Search for 70: Found
Search for 100: Not Found
(base)
```