I ran all of my tests on these trees, using arrays populated with the necessary information.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Tree # | Pre-Order | Post-Order | In-Order | Symmetric | Max  Imbalance | Visual Representation |
| 0 | 0 | 0 | 0 | true | 0 |  |
| 1 | 01 | 10 | 01 | false | 1 |  |
| 2 | 10 | 01 | 01 | false | 1 |  |
| 3 | 102 | 021 | 012 | true | 0 |  |
| 4 | 012 | 210 | 012 | false | 2 |  |
| 5 | 210 | 012 | 012 | false | 2 |  |
| 6 | 3102 | 0213 | 0123 | false | 2 |  |
| 7 | 0213 | 1320 | 0123 | false | 2 |  |
| 8 | 3102546 | 0214653 | 0123456 | true | 0 |  |
| 9 | 310254 | 021453 | 012345 | false | 1 |  |



