PART 2 ANSWERS

|  |  |  |
| --- | --- | --- |
| **Insert elapsed time** | | |
| No. of Values | BST(ms) | AVL(ms) |
| 0 | 0 | 0 |
| 10000 | 4 | 62 |
| 20000 | 6 | 166 |
| 30000 | 14 | 174 |
| 40000 | 14 | 223 |
| 50000 | 30 | 293 |
| 60000 | 37 | 395 |
| 70000 | 24 | 371 |
| 80000 | 48 | 438 |
| 90000 | 36 | 478 |
| 100000 | 38 | 557 |

|  |  |  |
| --- | --- | --- |
| **Search elapsed time** | | |
| No. of Values | BST(ms) | AVL(ms) |
| 0 | 0 | 0 |
| 10000 | 4 | 3 |
| 20000 | 2 | 6 |
| 30000 | 3 | 4 |
| 40000 | 2 | 4 |
| 50000 | 9 | 3 |
| 60000 | 4 | 3 |
| 70000 | 2 | 3 |
| 80000 | 4 | 3 |
| 90000 | 3 | 3 |
| 100000 | 3 | 3 |