**Trabajo práctico**

**Comparación de Árboles Binarios de Búsqueda**

d)

|  |  |  |  |
| --- | --- | --- | --- |
| Número a buscar | BST | AVL | RBT |
| 24152 | 10 | 8 | 9 |
| 72383 | 15 | 9 | 9 |
| 81523 | 9 | 7 | 6 |
| 6266 | 7 | 7 | 6 |
| 99485 | 1 | 7 | 7 |
| 51330 | 16 | 9 | 9 |
| 22876 | 7 | 5 | 7 |
| 76450 | 17 | 10 | 10 |
| 57663 | 12 | 9 | 9 |
| 58644 | 13 | 8 | 9 |
| Promedio | 10.7 | 7.9 | 8.1 |

e)

Con 10 repeticiones

|  |  |  |  |
| --- | --- | --- | --- |
| Promedio | BST | AVL | RBT |
| Altura | 20.0 | 10.81 | 11.45 |
| Intentos | 9.54 | 7.09 | 7.0 |
| Tiempo (nano segundos) | 573927.18 | 3398027.27 | 1760618.36 |