|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data Size | Selection Sort (seconds) | Quick Sort (seconds) | Insertion Sort (seconds) | Merge Sort (seconds) |
| 2,000 | 0.04 | 0.004 | 0.048 | 0.004 |
| 4,000 | 0.156 | 0.004 | 0.092 | 0.004 |
| 10,000 | 1.028 | 0.012 | 0.652 | 0.02 |
| 20,000 | 4.284 | 0.028 | 2.432 | 0.032 |
| 50,000 | 27.416 | 0.076 | 16.02 | 0.088 |
| 100,000 | 112.908 | 0.152 | 66.08 | 0.176 |
| 1,000,000 | N/A | 1.888 | N/A | N/A |
| 1,000,0000 | N/A | 23.544 | N/A | N/A |