|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| N | 100 | 1000 | 5000 | 10000 | 50000 | 100000 |
| selectionsort | 0ms | 8ms | 111ms | 223ms | 7128ms | 40302ms |
| basesort | 1ms | 1ms | 3ms | 6ms | 20ms | 57ms |
| insertsort | 0ms | 15ms | 109ms | 323ms | 11155ms | 52660ms |
| bubblesort | 1ms | 19ms | 192ms | 740ms | 24685ms | 93526ms |
| bucketsort | 1ms | 2ms | 7ms | 17ms | 54ms | 92ms |
| mergesort | 0ms | 1ms | 4ms | 8ms | 95ms | 210ms |
| quicksort | 1ms | 1ms | 3ms | 5ms | 34ms | 65ms |
| shellsort | 0ms | 4ms | 28ms | 134ms | 2388ms | 13882ms |



