|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Insertion Sort | Merge Sort | Quick Sort | Radix Sort |
| N = 10000 (sorted) x 1 time | 161 ms | 21294 ms | 4345 ms | 4947 ms |
| N = 10000 (reverse sorted) x 1 time | 514267 ms | 22597 ms | 4622 ms | 4753 ms |
| N = 10000 (random 1->10000) x 10 times | 2629274 ms | 261091 ms | 106150 ms | 75821 ms |
| N = 20000 (random 1->20000) x 10 times | 10541194 ms | 521305 ms | 216198 ms | 192793 ms |
| N = 30000 (random 1->30000) x 10 times | 24450407 ms | 793444 ms | 344260 ms | 252208 ms |
| N = 5000000 (random 1->5000000) x 10 times |  | 145667489 ms | 23222543 ms | 39818839 ms |