|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Size | 100 | 1000 | 10000 | 100000 | 1000000 |
| Merge Sort | 0 | 0 | 0 | 1 | 156 |
| Bubble Sort | 0 | 16 | 62 | 4633 | 467781 |
| Insertion Sort | 0 | 0 | 47 | 1063 | 117688 |
| Selection Sort | 0 | 0 | 109 | 7840 | 943049 |
| Quick Sort | 0 | 0 | 0 | 1 | 78 |

**Range from 1 - 103**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 100 | 1000 | 10000 | 100000 | 1000000 |
| Merge Sort | 0 | 0 | 0 | 0 | 171 |
| Bubble Sort | 0 | 0 | 47 | 6156 | 1182548 |
| Insertion Sort | 0 | 0 | 15 | 1188 | 122374 |
| Selection Sort | 0 | 0 | 94 | 8797 | 990879 |
| Quick Sort | 0 | 0 | 0 | 0 | 125 |

Range from 1 - 106

Range from 1 - 109

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 100 | 1000 | 10000 | 100000 | 1000000 |
| Merge Sort | 0 | 0 | 15 | 16 | 188 |
| Bubble Sort | 0 | 15 | 62 | 8579 | 857611 |
| Insertion Sort | 0 | 0 | 32 | 2250 | 184265 |
| Selection Sort | 0 | 0 | 110 | 13501 | 1869926 |
| Quick Sort | 0 | 0 | 0 | 16 | 125 |

Range from 1 - 1012

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 100 | 1000 | 10000 | 100000 | 1000000 |
| Merge Sort | 0 | 0 | 0 | 16 | 203 |
| Bubble Sort | 0 | 0 | 62 | 6031 | 751109 |
| Insertion Sort | 0 | 0 | 16 | 1533 | 171883 |
| Selection Sort | 0 | 0 | 140 | 14573 | 1990147 |
| Quick Sort | 0 | 0 | 0 | 14 | 125 |