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| --- | --- | --- |
| ***Algorithm*** | ***Worst Case Run Time*** | ***Best Case Run Time*** |
| Bubble Sort Non-Recursive | **O(n²)** | ***O*(*n*)** |
| Bubble Sort Recursive | **O(n²)** | ***O*(*n*)** |
| Selection Sort | **O(n²)** | **O(n²)** |
| Insertion Sort | **O(n²)** | ***O*(*n*)** |
| Merge Sort | **O(nLogn)** | **O(nLogn)** |
| Quick Sort | **O(n2)** | **O(nLogn)** |