|  |  |  |  |
| --- | --- | --- | --- |
| Sorting Algorithm | Best | Average | Worst |
| *Insertion Sort* | Ω(n) | Θ(n^2) | O(n^2) |
| *Merge Sort* | Ω(n log(n)) | Θ(n log(n)) | O(n log(n)) |
| *Quick Sort* | Ω(n log(n)) | Θ(n log(n)) | O(n^2) |
| *Heap Sort* | Ω(n log(n)) | Θ(n log(n)) | O(n log(n)) |
| *Radix Sort* | Ω(nk) | Θ(nk) | O(nk) |