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| --- | --- | --- | --- |
| Algorithm | Best TLE | Worst TLE | Space Complexity |
| Merge Sort | O(nlogn) | **O(nlogn)** | O (n) |
| Quick Sort | O(nlogn) | O () |  |
| Bubble Sort | O (n) | O () | O (1) |
| Insertion Sort | O (n) | O () |  |
| Selection Sort | O () | O () |  |
| Fibonacci |  | **O ( )** | O (n) |
| Linear Search | O (1) | O (n) |  |
| Binary Search | O (1) | **O (logn)** | O (logn) |
| Recursive Factorial |  | O (n) | O (n) |
| Sieve of Eratosthenes |  | O(nloglogn) |  |
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