|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Algorithm | Time cmplexity | Best Case | Worst Case | Space Complexity | Stablility |
| Bubble Sort |  |  |  |  | Stable |
| Insertion Sort |  |  |  |  | Stable |
| Selection Sort |  |  |  |  | Unstable |
| Shell Sort |  |  |  |  | Unstable |
| Quick Sort |  |  |  |  | Unstable |
| Merge Sort |  |  |  |  | Stable |