1. **Exchange Sort:**
2. Gnome Sort
3. Stable Quick Sort
4. Dual-Pivot Quick Sort
5. **Selection Sort:**
6. Ternary Heap Sort
7. Weak Heap Sort
8. Smooth Sort
9. Tournament Sort
10. Cartesian Tree Sort
11. **Insertion Sort:**
12. Pantience Sort
13. SlaySort
14. Tree Sort (BST Sort)
15. Library Sort
16. **Merge Sort:**
17. Merge Sort (Out-of-place Merge Sort)
18. Cascade Merge Sort
19. Oscillating Merge Sort
20. Polyphase Merge Sort
21. In-place Merge Sort
22. Bottom – up Merge Sort
23. **Distribution Sort:**
24. American Flag Sort (256 Buckets)
25. Gravity Sort (Bead Sort)
26. Pigeonhold Sort
27. Radix Sort (LSD)
28. Radix Sort (MSD)
29. In-place Radix Sort (LSD)
30. Binary Quick Sort (Radix MSD Sort – base 2)
31. Flash Sort
32. Shatter Sort
33. Simle Shatter Sort
34. Time Sort (Mul 4)
35. Proxmap sort
36. Bucket Sort
37. Burstsort
38. Interpolation sort
39. **Concurrent Sort:**
40. Batcher’s Bitonic Sort
41. Batcher’s Odd-Even Merge Sort
42. Bitonic Sort
43. Samplesort
44. **Hybrid Sort:**
45. Hybird Comb Sort (Comb + Insertion Sort)
46. Binary Merge Sort (Merge + Binary Insertion Sort)
47. Weave Merge Sort (Merge + Insertion Sort)
48. Tim Sort
49. Wiki Sort (Block Merge Sort)
50. Grail Sort (Block Merge Sort)
51. Quick Shell Sort (Introsort + ShellShort)
52. Kirkpatrick-Reisch sort
53. Spreadsort
54. **Miscellaneous Sort:**
55. **Impractical Sort:**
56. Bogo Sort
57. Cocktial Bogo Sort
58. Stooge Sort
59. Bad Sort
60. Silly Sort
61. Slow Sort
62. **Other**
63. Spaghetti sort
64. Topological sorting
65. Block sort
66. Quadsort