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| # | ALGO NAME | IMPLEMENTATION STATUS | STATUS |
| 1 | Linear search | ✔✔ |  |
| 2 | Binary search | ✔✔ |  |
| 3 | Insertion sort |  |  |
| 4 | Merge sort | ✔✔ |  |
| 5 | quicksort | ✔✔ |  |
| 6 | Max heapify |  |  |
| 7 | Build max heap algo |  |  |
| 8 | Extract max algo |  |  |
| 9 | Increasekey and heap insertion |  |  |
| 10 | heapsort |  |  |
| 11 | bubblesort | ✔✔ |  |
| 12 | Greedy knapsack |  |  |
| 13 | Huffman codes |  |  |
| 14 | Job sequencing with deadlines |  |  |
| 15 | Optical merge patterns |  |  |
| 16 | Prims algo |  |  |
| 17 | Kruskal algo |  |  |
| 18 | Dijkstra algo |  |  |
| 19 | Bellmen ford algo |  |  |
| 20 | Matrix chain multiplication | ✔✔ |  |
| 21 | 0/1 knapsack DP |  |  |
| 22 | Subset sum | ✔✔ |  |
| 23 | All pair shortest path |  |  |