1. Insert\_sort
2. Choise\_sort
3. Bubble\_sort
4. Merge\_sort
5. Hoar\_sort
6. Eratosthen
7. Miller-Rabin test
8. Hamming\_numbers
9. Fibonacci
10. LCM+GCD
11. Depth list
12. Permutations
13. Generate\_permutations
14. Cartesian product
15. Generate parenthesis
16. Count\_way
17. Diagonals
18. Max\_sum\_path\_in\_matrix
19. Min\_sum\_path\_in\_matrix
20. Matrix\_product
21. Matrix\_determinant
22. Binary\_search
23. Longest\_common\_subsequence
24. Levenstein\_distance
25. Largest\_increacing\_subsequence
26. Longest arithmetic subsequence
27. Check\_braces
28. Reverse\_polish\_notation
29. Convert\_to\_base
30. Linked\_list
31. DFS (path in matrix). Dfs (count island).
32. BFS (path chess knight, path chess bishop)
33. Dijkstra (+cheap path in graph)
34. Algoritm Prima (minimum spanning tree)
35. Manaker algoritm (longest palindrome)
36. All sums array
37. All combinations number