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. Permutations
12. Generate\_permutations
13. Cartesian product
14. Generate parenthesis
15. Count\_way
16. Diagonals
17. Max\_sum\_path\_in\_matrix
18. Min\_sum\_path\_in\_matrix
19. Matrix\_product
20. Matrix\_determinant
21. Binary\_search
22. Longest\_common\_subsequence
23. Levenstein\_distance
24. Largest\_increacing\_subsequence
25. Longest arithmetic subsequence
26. Check\_braces
27. Reverse\_polish\_notation
28. Convert\_to\_base
29. Linked\_list
30. DFS (path in matrix). Dfs (count island).
31. BFS (path chess knight, path chess bishop)
32. Dijkstra (+cheap path in graph)
33. Algoritm Prima (minimum spanning tree)
34. Manaker algoritm (longest palindrome)
35. All sums array
36. All combinations number