**SPOJ PROBLEMS**

1. Basic DS
2. Array Stack Queue
3. STPAR
4. SHOP
5. WATER
6. Linked List
7. POSTERS
8. Hash Tables
9. HASHIT
10. CUCKOO
11. Circular Linked List
12. CTRICK
13. Binary Trees
14. Heaps
15. PRO
16. EXPEDI
17. Searching
18. Back Tracking
19. N queens problems
20. Knights Tour
21. Sudoku Problem
22. Tiling Problem
23. 15 puzzle.
24. Dancing Links
25. PRLGAME,
26. SUDOKU
27. NQUEEN
28. Binary Search
29. AGGRCOW
30. Ternary Search
31. KPPOLY
32. KI of CodeChef
33. Meet in Middle
34. MAXISET
35. Hill Climbing
36. Newton Raphson
37. Randomized Quick Sort
38. Basic Graphs
39. Representation of graphs as adjacency list, adjacency matrix, incidence matrix and edge list and uses of different representations in different scenarios.
40. Breadth First Search
41. PPATH
42. ONEZERO
43. WATER
44. Depth First Search
45. Strongly Connected Components
46. TOUR
47. BOTTOM
48. Biconnected Components, Finding articulation points and bridges
49. RELINETS
50. PT07A
51. Dijkstra algorithm
52. SHPATH
53. Floyd Warshall
54. COURIER
55. Minimum
56. BLINNET
57. Flood Fill
58. Topological Sort
59. Bellman Ford
60. Euler Path
61. WORDS1
62. Computational
63. String Matching
64. Advanced Graphs
65. Dynamic Programming
66. Greedy Algorithms
67. Mathematical Problems
68. Advanced Algorithms