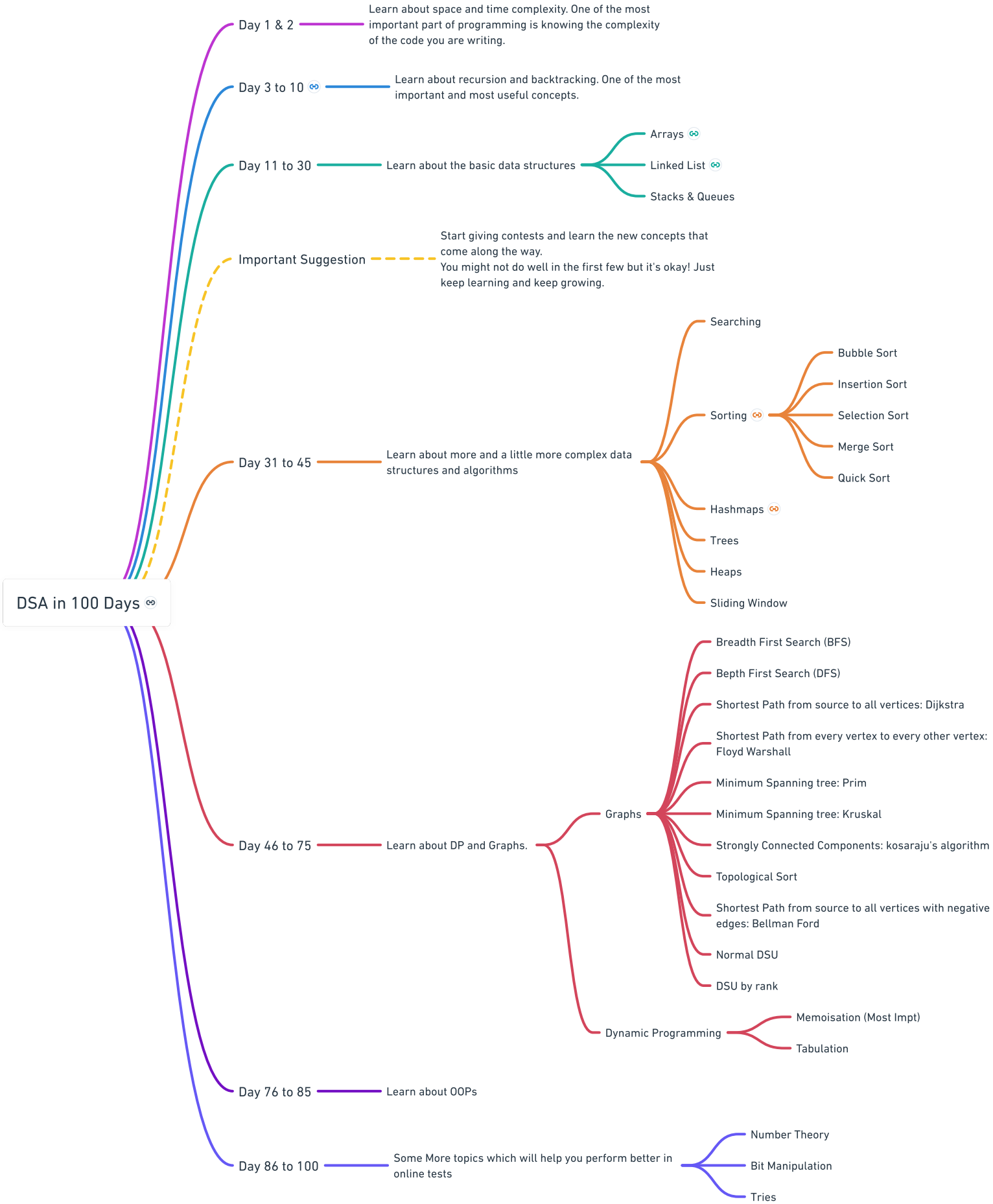
DSA in 100 Days
Day 1 & 2
Learn about space and time complexity. One of the most important part of programming is knowing the complexity of the code you are writing.
Day 3 to 10
Learn about recursion and backtracking. One of the most important and most useful concepts.
Day 11 to 30
Learn about the basic data structures
Arrays
Linked List
Stacks & Queues
Important Suggestion
Start giving contests and learn the new concepts that come along the way.
You might not do well in the first few but it's okay! Just keep learning and keep growing.
Day 31 to 45
Learn about more and a little more complex data structures and algorithms
Searching
Sorting
Bubble Sort
Insertion Sort
Selection Sort
Merge Sort
Quick Sort
Hashmaps
Trees
Heaps
Sliding Window
Day 46 to 75
Learn about DP and Graphs.
Graphs
Breadth First Search (BFS)
Bepth First Search (DFS)
Shortest Path from source to all vertices: Dijkstra
Shortest Path from every vertex to every other vertex: Floyd Warshall
Minimum Spanning tree: Prim
Minimum Spanning tree: Kruskal
Strongly Connected Components: kosaraju's algorithm
Topological Sort
Shortest Path from source to all vertices with negative edges: Bellman Ford
Normal DSU
DSU by rank
Dynamic Programming
Memoisation (Most Impt)
Tabulation
Day 76 to 85
Learn about OOPs
Day 86 to 100
Some More topics which will help you perform better in online tests
Number Theory
Bit Manipulation
Tries