**Graph Representations:-**

Resources-

1. <https://www.hackerearth.com/practice/algorithms/graphs/graph-representation/tutorial/>

2. <https://www.geeksforgeeks.org/graph-and-its-representations/>

**Graph Traversals (BFS and DFS):-**

Resources-

1. <https://youtu.be/pcKY4hjDrxk>
2. <https://www.hackerearth.com/practice/algorithms/graphs/breadth-first-search/tutorial/>
3. <https://www.hackerearth.com/practice/algorithms/graphs/depth-first-search/tutorial/>
4. <https://www.geeksforgeeks.org/breadth-first-search-or-bfs-for-a-graph/>
5. <https://www.geeksforgeeks.org/depth-first-search-or-dfs-for-a-graph/>

Problems-

1. <https://www.geeksforgeeks.org/find-count-of-pair-of-nodes-at-even-distance/>
2. <https://www.geeksforgeeks.org/implementation-of-dfs-using-adjacency-matrix/>
3. <https://www.geeksforgeeks.org/left-right-traversal-of-all-the-levels-of-n-ary-tree/>
4. <https://www.geeksforgeeks.org/find-parent-of-each-node-in-a-tree-for-multiple-queries/>
5. <https://www.geeksforgeeks.org/print-all-neigbour-nodes-within-distance-k/>
6. <https://www.geeksforgeeks.org/find-the-first-n-pure-numbers/>
7. <https://www.hackerearth.com/practice/algorithms/graphs/breadth-first-search/practice-problems/>
8. <https://www.hackerearth.com/practice/algorithms/graphs/depth-first-search/practice-problems/>

**Graph Connectivity:-**

Resources-

1. <https://www.hackerearth.com/practice/algorithms/graphs/articulation-points-and-bridges/tutorial/>
2. <https://www.hackerearth.com/practice/algorithms/graphs/biconnected-components/tutorial/>
3. <https://www.hackerearth.com/practice/algorithms/graphs/strongly-connected-components/tutorial/>

Problems**-**

1. <https://www.geeksforgeeks.org/biconnectivity-in-a-graph/>
2. https://www.geeksforgeeks.org/articulation-points-or-cut-vertices-in-a-graph/
3. <https://www.geeksforgeeks.org/find-if-there-is-a-path-between-two-vertices-in-a-given-graph/>
4. <https://www.geeksforgeeks.org/connectivity-in-a-directed-graph/>
5. <https://www.geeksforgeeks.org/biconnected-components/>
6. <https://www.geeksforgeeks.org/strongly-connected-components/>
7. <https://www.geeksforgeeks.org/find-number-of-islands/>
8. https://www.geeksforgeeks.org/bridge-in-a-graph/