

Lab Exercise-6

Lab exercise (C/C++):

1. Implement the Radix sort.
2. Implement the Bucket sort.
3. Implement the Counting sort
4. Directed and Undirected Graph Representation using:
 - 4.1. Adjacency Matrix
 - 4.2. Adjacency lists
 - 4.3. Compute the in-degree and out-degree for each
5. Implement the Breadth First Search (BFS) using Adjacency lists.
6. Find the strongly connected components of a Graph.

Note:

- Students need to practice all questions in the assignments.
- TAs will assign a random question in the lab.