Data Structures(using C)

Graphs

course(4) overview

About me:

->Surya Teja Achanta

->Cleared Jee Mains 2016.

->Interested in teaching.

->Follow me on Unacademy website and app.

->Rate,Review and share my videos.

->Why choosing this course?

->Importance of the course.

->Targeting Computer Science students.

Contents of this course

Course 3:Graphs(Adjacency Matrx and Adjacency List):

1.Course Overview.

2.Introduction to graphs.

3.Implementation of graph using adjacency matrix(part 1).

4. Implementation of graph using adjacency matrix(part 2).

5.Graph traversal in adjacency matrix.

6.Finding degree of each vertices in adjacency matrix.

7.Implementaton of DFS.

8.Implementation of graph using adjacency list(part 1).

9.Implementation of graph using adjacency list(part 2).

10.Graph traversal in Adjacency list.

11.Construction of Spanning tree of Implemented adjacency list.

12.Finding degree of each vertices in an adjacency list.

13.Shortest path algorithm(b/w any two vertices).