

Assignment # 7
CS 302 – Design and Analysis of Algorithm
Spring 2021

Deadline: 23rd June 2021 (11:55PM)
Soft Copy Slate Deadline: 24th June 2021 (11:55PM)

(This assignment is for All Sections)

This is a group Assignment.

This assignment is not Handwritten. You can get help from Internet and submit along references.

Cross Section group strictly NOT allowed.

Total Member allowed = Max: 3

Work Division is your responsibility in any case.

Submit Complete report along with references.

Report file must be named as

Rollnumber1_Rollnumber2_Rollnumber3_Section_Assignment7

For example: 19f0123_19f0345_19f567_D_Assignment7

Member: 1 Question 1

Roll No: _____

Section: _____

Name: _____

Member: 2 Question 2

Roll No: _____

Section: _____

Name: _____

Member: 3 Question 3

Roll No: _____

Section: _____

Name: _____

Question: 1

Write a detail comparison on **BFS** and **DFS** algorithms. It should include proper examples and Algorithms analysis.

Question: 2

Write a detail comparison on **Prims** and **Kruskal** algorithms. It should include proper examples and Algorithms analysis.

Question: 3

Write a detail comparison on **Dijkstra**, **Bellman Ford**, and **Floyd Warshall** Algorithms. It should include proper examples and Algorithms analysis.

This assignment is not Handwritten, and you can get help from the internet but provide references for all three questions.