Data Structure	Lab 10
Spring 2021	Sunday, June 27

Lab Goals:

- Work on Projects - First Evaluation (**Deadline**: 30th June, 2021)
- Revision of the implementation of Stack, Queues, Linklist, in-order, pre-order and post-order, Red Black Trees, Graphs, BFS and DFS algorithms

High Level Project Rubrics: (10 marks) – Practical Evaluation

	Implementation
10	Live deployment
9	Homepage with front and backend.
7	Code repository created on GitLab + Both members share the code via Git + Both members use commit/push and pull techniques for code sharing + Rubric IV requirements.
6	Properly formatted and visually pleasant UI/Template integrated + Rubric III requirements.
4	Home Screen with user interface and backend + Rubric II requirements**.**
2	Registration and Login Screen Completion + Front End + Backend + Rubric 0 requirements
0	Title not approved yet/Nothing done

Lab Rubrics:

"No plagiarism" text is present in all rubrics.

	Implementation
5	Hands on practice on implementation of all mentioned ADTs. (BFS and DFS)
4	BST and In-order, Pre-order and Post-order traversal codes completion.
3	Graphs and Red Black Trees
2	Linklist implementation
0	Lab missed or solved none of the problems

Homework Question (Revision):

1. Implement Stack, Queues, Linklist, in-order, pre-order and post-order, Red Black Trees, Graphs, BFS and DFS algorithms
    a. In C++
    b. In Python