Data Structures & Algorithms

Day 1

ASSIGNMENTS

1. Implement a linked list using JavaScript.
   Link for hint : https://www.c-sharpcorner.com/article/linkedlist-implementation-in-javascript/

   Create an HTML5 page and allow the user to input a node's value. Create buttons to add a node, delete a node & print the linked list.

2. Implement a Stack using JavaScript.
   Link for hint: https://www.freecodecamp.org/news/stack-5404d9735f88/

   Create an HTML5 page and allow the user to input a value to be added to the stack. Create buttons to implement push, pop operations & to prin the stack. The stack must be printed in a table format consisting of only one column. As the user performs push and pop operations, the table must reflect the same.

3. Implement a Queue using JavaScript.
   Link for hint: https://betterprogramming.pub/implementing-a-queue-in-javascript-59b332c7ff0d

   Implement this similar to the stack implementation in the previous assignment.