

CM1602 : Data Structures and Algorithms for AI

Tutorial 4

1. Describe Stack and the applications of Stack.
2. Implement a stack of size 8 using an Array.
 - a. Check if stack is empty.
 - b. Insert 62,89,32,67,21,39,88,55,94.
 - c. Call pop method 3 times.
 - d. Check if stack is full.
 - e. Call peek method 2 times.

Additional Exercise

3. Implement a stack using a Linked List.
 - a. Check if stack is empty.
 - b. Insert 62,89,32,67,21,39,88,55,94.
 - c. Call pop method 3 times.
 - d. Call peek method 2 times.