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Computer Science and Engineering Department
Data Structure Lab
Assignment 4

- 1) Write a program to
 - a) Implement stack using an array, the stack should perform four basic operations such as
 - Push(): Add an item in the stack
 - Pop(): Remove an item from the stack
 - Peek() or Top(): Return top element of the stack
 - isEmpty(): Check for empty stack
 - a) Implement Queue using an array that performs the following operations
 - Enqueue(): Add an element in the Queue
 - Dequeue(): Remove an element from the Queue
 - Front(): Return the front element of the Queue
 - Display(): Print all the elements of the Queue