

Data Structures and Algorithms Lab

04. Queue it!

Lab Code: 17ECSP201

Lab No: 04

Semester: III

Date: 05 Sept, 2017

Batch: C2

Question: Implementing a Queue

Objective: Queue operations implementation using static and dynamic memory allocation

Queue Properties

- A Queue is a First In First Out data structure (Can also be referred to Last In Last Out)
- Basic operations on Queue are:
 - ENQUEUE
 - DEQUEUE
- Insert operations happen at the rear end and delete operations happen at front end of the queue
- A queue elements are always printed from front to rear

You are given with a codeblocks project with name **Queue_It**. You are supposed to implement the queue using static and dynamic memory allocation schemes.

A few things are already done for you! Go ahead and finish up the remaining implementation works.