# This lab is to be completed individually

This lab is for you to understand Queue data structure implementation.

# What to do?

**Implement 2 types of design for Queue data structure using Array:**

1. Fixed front
2. Floating front

**Methods:**

1. public bool enqueue(Employee e);
2. public Employee dequeue();

Employee objects can be obtained by reading the ”emp.txt” file as given in Lab 4.

Make sure that your code is well documented i.e., in-line comments with a simple README would be ideal. For instance, every function and complex portion of code should have comments that describe what it does.

# Program input

A single .txt file named ”emp.txt” (As given in Lab 4).

# Program output

For each queue types, fixed front and floating front:

1. Read the first 5 Employee objects from ”emp.txt” and store them into your queue.

2.Print elements stored in queue

1. Dequeue twice
2. Print elements stored in queue once again

**What to turn in?**

1. Source code

2. Your program's outputs in a PDF file

3. JAR file.

4. README file to demonstrate how your program works. Include a command to determine how to run the JAR file.