

## **Lab # 7:**

### **Assignment 1**

**Subject:** Data Structures and Algorithms

**Course:** BESE15 B

**Date:** 4<sup>th</sup> November, 10.

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#### **TASK:**

Q. Implement the 'Message System' done in previous lab using Priority Queue. Change the 'Message Id' to represent the priority of the message. The largest value represents the highest priority. Messages can be entered (enqueue) randomly but only the message with highest priority can be retrieved (dequeue).

**Submission Deadline:** 22<sup>nd</sup> November, 10.