



**DEPARTMENT OF COMPUTER SYSTEM ENGINEERING**

**UNIVERSITY OF ENGINEERING & TECHNOLOGY PESHAWAR**

4<sup>th</sup> Semester SPRING 2022

**Assignment # 2**

**Max Marks: 10 Marks**

Due Date: 31 July 2022

**Plagiarism Policy:**

Plagiarism is strictly not allowed. Any case of plagiarism will get zero marks.

**Q1**

Write the definition of the following functions for Queue, while re-utilizing the implemented functions of Linked List.

- Declare(Q)
- Empty(Q)
- Head(Q)
- Enqueue(e, Q)
- Dequeue(Q)

**Note: All your answers to the questions/ C++ code posed in the assignment should be organized as a handwritten document that you would submit.**