Lab Assignment: Implement a Queue using Linked List

Problem Statement:
Implement a queue using a singly linked list. The queue should support the basic operations: enqueue, dequeue, peek (front element), and display.

Learning Objectives:

- Understand how linked lists can be used to represent dynamic data structures.

- Learn how to implement a queue with dynamic memory allocation.

- Implement standard queue operations without size restrictions.

Function Signatures:

```
void enqueue(int data);    // Insert an element at the rear of the queue
int dequeue();             // Remove and return the front element of the queue
int peek();                // Return the front element without removing it
void display();            // Display all elements in the queue
```

Example:

```
Enqueue(10)   Queue: 10
Enqueue(20)   Queue: 10 20
Enqueue(30)   Queue: 10 20 30
Dequeue()     Returns 10, Queue: 20 30
Peek()        Returns 20
```