Q1. Write a program for Lift Management.

**Notes:**

Application of Queue:

**Scheduling:** CPU Scheduling dist. Scheduling

**Buffering:** I/O buffers network data packets.

**Order Processing:** Handling tasks in first come first-serve order.

**Breadth-First Search (BFS):** Traversal graphs or Tree

Q2. Implement Queue Operation using Array.

Q3. Find Application of Queue, Circular Queue and Double Queue.

Notes:

Steps to Create Node:

1. We need to create a node type data type or structure using user define datatypes.
2. Address will be allocated by compiler only hence to define pointer we have to use it.