

M.UMAIR NAZAR  
SU92-BSSEM-S24-037  
SE-3A

LAB – 11

## OUTPUT

```
Queue follows the First-In-First-Out (FIFO) rule

    Queue with Linked List

Linked List Queue: 11 <> 22 <> 33 <> 44 <> 55

After Dequeue:
Linked List Queue: 22 <> 33 <> 44 <> 55

    Queue with Array:

Array Queue: 101 <> 202 <> 303 <> 404 <> 505 <> 606

After Dequeue:
Array Queue: 202 <> 303 <> 404 <> 505 <> 606

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Process exited after 0.2241 seconds with return value 0
Press any key to continue . . .
```

## Explanation

This program demonstrates **queue operations using both linked list and array**. It shows how elements are added (enqueue) and removed (dequeue) while maintaining the **FIFO (First-In-First-Out)** rule.