

# Lab Assignment: Double-Ended Queue (Deque) using Array

## Problem Statement

Implement a Double-Ended Queue (Deque) using arrays. The deque should support insertion and deletion from both ends.

## Function Signatures

- `void insertFront(int value);`
- `void insertRear(int value);`
- `int deleteFront();`
- `int deleteRear();`
- `int isFull();`
- `int isEmpty();`
- `void display();`

## Example

**Input:**

```
insertRear(10)
insertRear(20)
insertFront(5)
deleteRear()
insertFront(15)
display()
```

**Output:**

Deque elements are: 15 5 10