

Lab Assignment: Circular Queue using Array

Problem Statement

Implement a Circular Queue using arrays. The queue should support the following basic operations.

Function Signatures

- `void enqueue(int value);`
- `int dequeue();`
- `int isFull();`
- `int isEmpty();`
- `void display();`

Example

Input:

```
enqueue(10)
enqueue(20)
enqueue(30)
dequeue()
enqueue(40)
display()
```

Output:

```
Queue elements are: 20 30 40
```