

# 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
```