```cpp
#include <iostream>
using namespace std;
#define SIZE 5
class CircularQueue {
private:
int cQueue[SIZE];
int front, rear;
public:
CircularQueue() {
front =-1;
rear =-1;
}
bool isFull() {
return (rear == SIZE- 1 && front == 0) || (front == rear + 1);
}
bool isEmpty() {
return front ==-1;
}
void enQueue(int value) {
if (isFull()) {
cout << "Queue is FULL!!! Insertion is not possible!!!" << endl;
return;
}
if (isEmpty()) {
front = rear = 0;
} else if (rear == SIZE- 1) {
rear = 0;
} else {
rear++;
}
cQueue[rear] = value;
cout << "Order " << value << " added to the queue." << endl;
}
void deQueue() {
```

```cpp
    if (isEmpty()) {

    cout << "Queue is EMPTY!!! Deletion is not possible!!!" << endl;

    return;

    }

    cout << "Order " << cQueue[front] << " has been served." << endl;

    if (front == rear) {

    front = rear =-1;

    } else if (front == SIZE- 1) {

    front = 0;

    } else {

    front++;

    }

    }

    void display() {

    if (isEmpty()) {

    cout << "Queue is EMPTY!!!" << endl;

    return;

    }

    cout << "Orders in the queue: ";

    int i = front;

    if (front <= rear) {

    while (i <= rear) {

    cout << cQueue[i] << " ";

    i++;

    }

    } else {

    while (i < SIZE) {

    cout << cQueue[i] << " ";

    i++;

    }

    i = 0;

    while (i <= rear) {

    cout << cQueue[i] << " ";

    i++;
```

```cpp
        }
    }
    cout << endl;
}
};
int main() {
    CircularQueue cq;
    int choice, value;
    do {
        cout << "\nPizza Parlor Circular Queue Operations Menu:\n";
        cout << "1. Place Order\n";
        cout << "2. Serve Order\n";
        cout << "3. Display Orders\n";
        cout << "4. Exit\n";
        cout << "Select an option: ";
        cin >> choice;
        switch (choice) {
        case 1:
            cout << "Enter order number to place: ";
            cin >> value;
            cq.enQueue(value);
            break;
        case 2:
            cq.deQueue();
            break;
        case 3:
            cq.display();
            break;
        case 4:
            cout << "Exiting the program." << endl;
            break;
        default:
            cout << "Invalid option! Please try again." << endl;
        }
```

```
    } while (choice != 4);

    return 0;

}
```