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#include <stdio.h>

#define MAX 5

int queue[MAX];
int front = 0, rear = 0;

void enqueue(int x) {
    if (rear == MAX) {
        printf("Queue is full\n");
        return;
    }
    queue[rear++] = x;
}

void dequeue() {
    if (front == rear) {
        printf("Queue is empty\n");
        return;
    }
    printf("Dequeued element: %d\n", queue[front++]);
}

void display() {
    if (front == rear) {
        printf("Queue is empty\n");
        return;
    }
    printf("Queue elements: ");
    for (int i = front; i < rear; i++) {
        printf("%d ", queue[i]);
    }
    printf("\n");
}

int main() {
    int choice, x;

    while (1) {
        printf("1. Enqueue, 2. Dequeue, 3. Display, 4. Exit: ");
        scanf("%d", &choice);

        switch (choice) {
            case 1:
                printf("Enter element: ");
                scanf("%d", &x);
                enqueue(x);
                break;

```

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    case 2:
        dequeue();
        break;
    case 3:
        display();
        break;
    case 4:
        return 0;
    default:
        printf("Invalid choice\n");
}
}

return 0;
}
```