```c
#include <stdio.h>
#include <stdlib.h>
#define n 5
int queue[n];
int back  = 0;
int front = 0;
int enqueue(int data);
int dequeue();
void print();
int main()
{
    int ch, data;
    while (1)
    {
        printf("1. Enqueue 2. Dequeue 3. Display 0. Quit\n");
        printf("Give your choice: ");
        scanf("%d", &ch);
        switch (ch)
        {
            case 1:
                printf("Enter number to enqueue: ");
                scanf("%d", &data);
                if (enqueue(data))
                    printf("Enqueue operation successful");
                else
                    printf("Queue is full");
                break;
            case 2:
                data = dequeue();
                if(data)
                    printf("Data => %d", data);
                else
                    printf("Queue is empty");
                break;
            case 3:
                print();
                break;
            case 0:
                exit(0);
            default:
                printf("Invalid choice");
        }
        printf("\n");
    }
}
int enqueue(int data)
{
    if (back==n)
    {
        return 0;
    }
    queue[back] = data;
    back = back + 1;
    return 1;
}
int dequeue()
{
    if (front==back)
    {
        return 0;
    }
```

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62:     else
63:     {
64:         int data = queue[front];
65:         front = front + 1;
66:         return data;
67:     }
68: }
69: void print()
70: {
71:     if(front!=back)
72:     {
73:         for(int i=front;i<back;i++)
74:         {
75:             printf("%d ",queue[i]);
76:         }
77:     }
78: }
```