

```

#include "cqueue.h"
int main()
{
    element e;
    int sz, opt;
    cqueue cq;
    printf("\nEnter the size of queue:");
    scanf("%d", &sz);
    cq=makenuallcqueue(sz);
    while(1)
    {
        printoptions();
        opt=getoption();
        switch(opt)
        {
            case 0:
                exit(0);
            case 1:
                printf("\nEnter an element:");
                scanf("%d", &e);
                if(!isfull(cq))
                    enqueue(cq, e);
                else
                    printf("\nQueue is full");
                printqueue(cq);
                break;
            case 2:
                if(!isempty(cq))
                    printf("\nDeleted element
is:%d", dequeue(cq));
                else
                    printf("\nQueue is empty");
                printqueue(cq);
                break;
        }
    }
    return 0;
}

```