

```

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

```