

```

#include<iostream>
#include<conio.h>
using namespace std;
int f=-1;
int r=-1;
void en_queue(int q[],int x)      //add
{if(f=r==-1)
{f=r=0;
q[r]=x;
//r++;
}
else if(r==9 )
{cout<<"queue is full\n";
return;}
else
    r++;
    q[r]=x;
}
void de_queue(int q[],int &x)    //delete
{if(f<0 || f>r)
{cout<<"queue is empty\n";
return;}
x=q[f++];
}
void print(int q[])
{for(int i=f;i<=r;i++)
cout<<q[i]<<endl;
}
void main()
{int q[10];
int op;
int a,x;
do{
cout<<"press 1 to en_queue\n";    //add
cout<<"press 2 to de_queue\n";    //delete
cout<<"press 3 to print\n";
cout<<"press 4 to exit\n";
cout<<"enter your choice\n";
cin>>op;
switch(op)
{case 1:
{cout<<"enter a number\n";
cin>>x;
en_queue(q,x);break;}
case 2:de_queue(q,x);break;
case 3:print(q);break;
case 4:break;}
cout<<"to exit priss 0 \n";
cin>>op;
}while(op!=0);
    getch();
}

```