```
#include a Staio. h>
 # include = stdlib.h>
# define MOX 4
 int front = - 1's
 int great :- 1')
 int queve[Mcx]
void Enque Cints's
 int Deque ();
void display ()
int maine)
5
   int option's
  int item's
  PAINTA ("IN CIACULOSI QUEUE N" J')
  do 9.
  printf ("In 1. Insent to QUEUE");
  Phintf ("\n2-delete from woeve")
  Printf ("In 3. Displey he wo EUE")
  printal" Enter he option: "J's
  Print f (" (4. Exitin"))
   Scont (".1. d", & opion).)
   Switch (option)
       1: paintf("Enter he element \n")
8
   case
           scant ("1.0", gitem);
           Enque (item);
           bareaki
  case 2: item = Dequecti;
           if (item===1)
          Printf ("Removed element from he queve is
                                 1.210", 1 tem);
          breaking
```

```
case 3: display ();
       break',
casey: exit (o);
 3
& while cophon != 4)
   netuan o'
t
Void Enque (int ele)
3
   if (((front==0 89 read == MAX-1)) // (front== reax+1)
 Printf (" QUEUE is full n")
else
2
 heagi = (neag +1) 1. Max's
  queve ( near ] = ele') " / Joseph Mediose mally Admin
   if (front ==-1) ( 1)
    Prontsos a Coosed word black and bear
           es d'ausen sol l'algrice E ay 3) que
  4
                     "(C" 1/ 1/2 - H) " 1 4 1/29
int Dequec)
{
                     i ( notice & " & 1 " ) 2 - "
int item;
   if ( ( front == -1) 88 ( reas > = -1)) ( midge) addies
{
   return (-1);
              "(mo), & 1"61. 1"3 0 x355
 5
 else
 {
   Item=queve [fam+]; (compage)
   if (front== reca)
```

```
f901=-13
   greag= -1)
 g
 else
 1
   front= (flont +1)1. Mcx)
 4
   getuan item's
 4
3
void displaye)
3
  inti
  if ((( front==-1) 8& (neas==-1)) // (facont== shoad))
3
   Printf (" accus is empty 10"); seturn's
     end of the Alasant End hallbeig to had after
 4
 else " " efestive, at Just to
   Paint+ (" In aveve contents: In");
   fog (i= front; i== reaging i++1)
   Printer ("-1.21+", queve Lid);
 4
4
                       Tricorse "En" ) sons
```