# include < station # include = conio. h > # define quirze 3 int f=0, 8=-1, ch; ist item, q [10]; int isfulls 2 return (== qsixe-1)? 11:0/ int is empty ( int f, int ) 7 return (JSe)? [:03] void insertrear ()

{ if cisquel ())

} pf (" Owner Overflower"); 1 1= 2+1; acriz item; void delete-front ()
? if (isempty (f,r)) 2 pt ("Queue Undeflew");
2

```
("item deleted is rd m", q [(d)++])
d (1>2)
   2)=0;
     Y=-1;
void insert-front ()
    y ()!=0)
       2 += j-1;
          2 Ef J= item;
     else y ((j==0) & (r==-1))
      2 glit +(o) J=item;
        return of the start of me
      else l'insertion not possible (n').
```

```
void dis play ()
 7 intii
      is (isempty (3,8))
       { pf ("qui empty hr").
         retur;
  for (i=f;i<=r;i++)
       Pf (".dm", qCi]).
void main ()
2 chaco
 for (;;)
              ----
  print ("In 1: Insert real In 2: insert front In 32 total
                173: detelepront In 4 display In
  print l'Sater choice ").
  scarf ("",d", &ch),
  switch (ch)
   case 1: puit (" arter the item");
              scarf ("rd". 8 item ).
             insert-rear ().
  case 2: M (" zuter the item ").
Scarf (11, 1", 2 item)
            insert-frontly
             bucak;
           delete front ().
   case 3:
            break;
     case 41 display ()
       default: exit (0),
                           77.
```