```
zindude ZAHio.h>
Jindule 2 wnio h>
# melule 2 Ald lib. h>
# Juffer 512E 3
the ten prod = 0, teat = -1, of [10];
void insert new ()
{ i( (news == 517E-1)
   sprint ("Queue OVERFLOW !! In");
    netwon,
   1 - men = men + 1;
   g [qua] = ; hun;
 jut deletepent ()
 ( i/ ( pront > news)
     { punt = 0; 
ned = -1;
       guhar = -1 j
      geturn q [ fruit ++];
  void display ()
  { sub i;
     il (put > great)
     ( print ( " Queue 18 EMPTY! 17"))
  problét ( " Contents q Queue = m ---- (n ");
    sor ( i= grant; iz=red; i++)
       printf ("-1-dln", g [i]);
```

```
void mily ()
( jut drotte )
   2 pouluf ("In 1: INSERT IN 2: DELETE IN3: DISPLAY
              MY: EXIT M") )
      print (" Enter drote: ("))
      imuf (" -1-d", & drotce);
      switch (disia)
       use 1: print ("Butch stem to be invested : 1m");
              sumf ("1.d", Litem);
               jusertgrent ();
               brush i
       use 2: ihm = deletefront ();
                E print (" Queue 1 empty m"); ?
                il (item == -1)
                 else print ("Item deleted: 7.8 m", item))
                 else
                break i
       un 3: dipply();
        defult: exit(o);
     3
```

```
Tower of HANDI
# Include < Adio. 45
# include (como 4)
void howers (; ut n, der src, der temp, det dest)
    il (n==1)
        proble " Mouse disk 1 grown 1. c to 1. c \n", sorc, dest);
         rehou,
                                      h.1.c (n", n, sque, dest);
      towars (n-1, sorc, Lest, temp);
      philif (" Move dock 1.1 perm 1.6
      towers (n-1, tup, she, dot);
 Moren blow
    jut n's
    prints (" Enter number of Stoken")1
    sung ("1-d", 4n);
    tower (n, 's', T', 'p'))
```