```
ended queul.
          double
 # include <stdio.h>.
# include Lstollib.h>.
# include Zuonio. h>.
# define quize 3.
 int f=0, R=-1, ch;
 int item, 2(10);
  int is full 1) {
    Return (2 = = 9 size .-1) ? 1:0;
  3.
  int isempty U.S.
    setura (1 >2) 9 1:0;
   void insect_ near () {.
      ij (isfull) {.
         Pfint[ " queue overfrow");
         Return;
      z
   れ = れ+1;
  9[9] = item;
 3
  Void delete- Kont () {.
     ij (isempty 1) {
      Print (" more empty");
       filturn;
   4.
```

```
Print du item deleted is i.d ~n", & [(1)++3);
 if (128) 1.
  J = 0;
  カニーラ
3.
void druet pront () {.
     1) (11=0) 8.
      d=d-1;
    gli) = item;
     return;
4
ene if ((1==0) & & (R==-1)) {.
    2[++(x)] = (tem)
      Return;
    Print ("Insution not possible");
 else
 4.
 void delete-Real) ?
                           be "I trois
   i) ( isempy 1) . 8.
     Print ("queue is empty"):
       nehun;
Painty (" item deleted is y.d mn", 8[(9)--]);
  ij (122) {
```

```
void displayes {.
   int i;
  i) ( isemply) 2.
      Paint (" queue empty in").
       Return;
 for (i=): ic= ? i++) #.
    Pd ("y.d \n", 98iD);
void main () ?.
 Joe (;;) {.
 Printy 19" 1. Insert-rear \n 2. insert- front \n 3. ducke
 reas in 4. delete-pont in 5. display in 6. enitro).
 Printy ("ruter choice");
scanf ("xd", &ch);
 awitch (ch) ?.
  care 1. Phinty Wenter the item in ");
         Many (" y.d", & item);
        incert_rear ();
         break;
case 2: print/ (" ruter the item no");
        scanj ("xd", 2item);
         insert - front ();
         break;
```

case 3: delete-Rear ();

break;

case 4: delete- kont ();

break;

case 5: display();

break;

default: enit(0);