# include < stdio. h > It define grize int f=0 , r=-1, ch; item , 9, [10]; isfulles int 3 esteun (8== qsixe-1)? 1:0; int is empty ( intf, int 8) 2 return (420)? 1:03. Pf c" Ower Overflower"); , auter 1= 2+1; delite front () y (isempty (f,r)) 2 pt ("Queu Undeflow")

("item deleted is r.d in ", q [CG)++]), d (1>2) 2 j = 0; Y = -1; 3 void insert\_front () Z y (1:20) { += j-1; 2 Ef ] = item; else y ((j==0) ++ (r==-1)) 3 9 C+ +(8) ] = item; / 1 return Ho's del : 1 mg else ("insertion not possible (n'). void deleterear()

? (isemply (j, 8)) 2 pg ( " queue is empty (n'). of C" item detal is della, of (1)-4(8>2) 3-1,

```
Void die play ()
 3 inti
       if (weighty (dir))
       } pf ("que compty In").
          reliun
   for ( i= f; i <= r; i +1)
       PJ (" "d/m", 9[1])
void main ()
2 checici
 for c::)
   print ("In 1: Insert_real In 2: insert front in 3. deletered
                In 4: deletefront In 5: display (")
   pint l'Sater choice ")
  scanf ("1,d", 2 ch);
   switch (ch)
    case 1: puit (" onter the item");
           scarf ("1.d". Sitem).
insert-real ():
hook;
  case 2: pf (" cuter the itam."):
Scarf (11 1, 1", 2 i tam)
              insect - fromt (1);
              brucak;
```

case 3: delete rear ();

case 4: delete front ();

lreak;

case 5: display ()

default: exil-(0);

2

3

getch ();