```
dividude Eddie. hT
a hudude < stallib . h >
or define SIZE N
 int queue (N);
 int front = -1)
 rut mor = - 1;
 word enqueue (inta)
       if (( mar + 1) / N == front)
              pointel ("Queue is july);
       beit (front == -1 V2 quan == -1)
               front : man = 0;
               quene (may 1 = ~
         dre
               near = ( near + 1) -/. N
               quene (man (= v)
void dequeur ()
     it (part == -1)
           print ( " Queue is empty ")
    dreit (trout == mas)
            fout = mar = -1;
     dre
```

fo

```
point 1 ( " y.d 4, queue (front 1)
      front = ((front + 1) x N);
void display 1)
     it ( front == -1 2 2 mas == -1)
             pointed (" Queue is emply");
     dre of ( front - sear)
          int i;
         while (il = mar)
               print & ( 1/d 4, queue (il);
            print + ( 1/d , queue (mar 7);
void puki)
     triute (1.1.dn, queue [front])
 void main ()
     jut vi,
```

```
printt ( " queer your worce ");
Lessent (" , d 4, 2 desire);
Lessent (" from 1: Engresse 2: Deapear 3: Plet 4: Obplay);
Switch (dr)
       can 1: point+ (" Enter "");
               sout ( 1 /d 4 , 2 m);
           enqueue (u)
                break,
        (ase 2 : dequeue ()
                 break;
         an 3: pec()
                wak;
         case 4: display()
                break;
         default: print ( " Annalid (noice"),
    M white (del = 9)
```

end output from 1: Enguere 7: Drapine 3: 14 K 4: Display twee your droice 1 Guler his is; 93 Thes 1: Evapeur 2: Per 4: 050 day of ever your opice. I love a; 4% w. osplay love 1: Evapour 2: Deaport 3: 1UK of every gover over : 7 4: Duplay 3: feck love !. Grapere 2: Diapone quer your voice: 2 3.80 K 4.0150 M 1 (1025 1: Evapeux 2: Icapeux quer uper unove : 4