```
14-10-20
  Implementation of a linear queue
 # Include < stdio. h>
 # include < stdlib.h>
# define QUE_SIZE 5
 Int item, Bront = 0, scear = -1, 9[5];
  void insertrearl)
        (sear = = QUE_SIZE-1)
         print ("Queue overflave In");
           netwer;
      rear = resert 1;
      q (rear] = item;
     int delatefront()
       if ( front > sear)
       ocetuan q [ front ++];
    void display ()
         if ( point > rear)
            print ("Queue is empty In");
             greturn's
         print (" contents of the quere are: In");
             for (i= a front; i <= rear; i pr)
                & print ("rdin", qCi]);
                                                 Scanned by Easy Scannel
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int main ()
int choicises
   fon(',')
   print (" In1 . Inserteear In2. Deletefrant In3. Display
             In4. Exit In1);
    print ("Enter the choice In");
     Scary (4.1.d", kchoice);
    Switch (choice)
     Case1: print ("Enter the Hem to be injected in")
              Scarf (".1.d", & Hem);
                Provence ();
                 break,
      Case 2: item = deletefront();
                 1/ (Hem = = -1)
                 print ("Queue is empty In");
                euse
                print ("Item deleted: ".d \n", Hen);
                break;
               display(9();
                 break,
        default: exit(0),
```