```
28-10-24
    Circular Queue.
 #include < stdio.n>
                 nt=0, rear =-1, q[que_size], count=0;
   void insertrease)
       if (count = = : QUESIZE)
          print (" aciene overflow m");
       grear = (rear +1) 1. QUE_SIZE,
             q (rear) = item;
Countet;
      int deletefront()
          ( ( court = =0)
              gietur-1;
            Hem= q. [ found];
            Bront = ( Grant + 1) 1. QUE_SIZE;
              count = count-1;
               retwen item;
        Void displaya()
              il (count = 0)
                   pring (" Queue & emptyling)
                 f= front )
                print ["contents of queueln");
                    for (i = 1', i <= count ; i1x)
```

Scanned by Easy Scanner

```
Prenty ("1.d\n", 9565),
     f=(6+1) 1. QUESIZE;
void main()
  but choice;
   for (;;)
 print (" In1: insentrear In2: deletefrant In3: display
   print (" Enter the choice (MT))
    scanfluid", & choics);
    Switch (choice)
    Case 1: print[ "Enter the item to be insented In"),
            scarf ("1.d", &item;
             insertrear()i
             break;
   (ase z: item = deletefront();
               if ( 1 tem = = -1)
              frint (" queue is empty \n");
               print[ (" stem deleted = "lodln" sitem);
               break;
  Couse 3: displaya();
            break i
    default : exit(0);
```