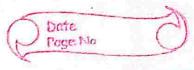
Lab - Queue



include < stallo. h> # Include < process. h> # define int Que Size32 ent ilem, front = 0, rear = - 1, 9[10]; () noort roens biou if (rear == Que-size -1) } prontf (" Quee Overflow (n'); retum; rear z rear + 1; g [rear] z îten; int delete front () if (front > rear) front = 0; return - 1; 4 se con se con

```
return of (front +1);
vold desplay Q()
if (front > rear)
 pront ("Queue is empty 19");
pront f ("Contents of Queue 10");
for (i = front; de z rear; itt)
 prent ("1.d lo", q[?]);
void main ()
 inf choice;
 for ( ; 3)
  pront ("In 1: Prembrear In 2: delete front
          In 3: display 1 n 4: exit (n");
```



proble (" Enter the choice In"); Sconf (".l.d", & choice); Swotch (chorce) Case 1; prontf (" Enter the item to be Inserted In "); Scanf (" of d", of Ofen); insert rear (); break Case 2: item = delete front (); If (?tem = = - D) Degutt (" Orieno ça embth ()) . J 0180 4 pointf ("item deleted = 1.d In" item); } proof ; case 3 i deplay a (); default: exit (0);