Date 19/10/ 2020 Expt. No.... Page No. 13 CIRCULAR QUEUE #include (stdio.h) # include (stalib.h) # define qsize5
int item, f=0, r=-1, q [qsize], count=0, ch; # define qsize5 void insextreax () il (count == q size) print[("Queue overflow In"); γ= (8+1)% qsize; q[8] = item; count++; int delete (montl) if (count == 0) Keturn -1; item = q[f]; f = (f+1)/. q size. count = count-1; return item;

void display()

Teacher's Signature: \_

break.

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Expt. No. Page No. 15 case 2: item=deletefront(); if (item ==-1) print[ " Item deleted = "/d \n", item); case 3 = display (); default: exit (0); xeturn 0;

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LINEAR QUEUE
#include (stdio.h)
# include (stdlib.h)
# deline qsize 5
int item, front=0, rear = -1, 9 [10];
void insert rear ()
   print[ [" Queue overflow[n");
   near = near+ 1;
  q [ near ] = item;
 int delete ( nont ()
     il ( | ront ) rear)
      netwen q [front++];
  void display ()
                                  Teacher's Signature: __
```

break;

Teacher's Signature: