```
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                                          USN - 1 BM 18(5)16
                                                   Tome
    aradar guene
# include (stdio h)
# define MAX 5
int ily
 Insert Function
 vaid insert (int item)
 if (( front == 0 lb rear == MAX-1) // (front == rear +1))
   print f (66 Guene Aurylan 12");
   if ( front == -1)
   front = 0;
  if (ruar = = MAX -1)
  Near = 0;
  else
  vear - rear +1;
 (queu_ arr (run] = utem;
```

```
Delite Function
```

```
void deletion ()
   if (front -=-1)
   print f(66 (house Underflow");
  print of (" Element deleted from queue is : 1-d In ", cqueue-an[front]);
  if (front == van)
   front = -1 ;
   neur = -1;
   Che
   if (front == MAX -1)
front = front + 1;
   front =0;
```

```
hisplay function
wid display ()
int front-por = front, run-por
 if (front == -1)
 knint f (66 flue ue is empty In");
  print f (" Jusue elements: " \n");
  if (front_por (= rear-por)
  while (front - por L= rear-por)
   print f (66.1.d"), (que - arr [front-par]);
   front - pos ++;
   Che
   while (front pos <= MAX-1)
     print f (66% d'), Cqueu - an [front-pos]);
     front-par ++;
     front par = 0;
    while ( front -par <= rear-por)
     frints (66% d'), Cqueu - an [front-paz]);
   frontfor ++;

granty ("");
```