IBM19 CS045
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```c
void  insert (int n, int q[], int ele)
{   if ( rear == n-1)
    { printf (" Queue overflow \n"); }
    else
    {  rear++;
       q[rear] = ele; }
}

int  delete (int q[])
{  int  ele;
   if ( front == -1)
   { printf(" Queue  Underflow \n"); }
   else
   { ele = q[front];
     front++;
     if( front > rear)
     {  front =-1;
        rear = -1; }
     return  ele;
   }
   return  -999;
}

void  display(int q[])
{  if ( front == -1)
   { printf(" Queue is empty \n"); }
   else
   {  for (int c =front ; c <= rear ; c++)
      {  printf("%d", q[c]); }
   }
}
```