```
ASSIGNMENT - 7
int items[size];
       int front = -1 , rear = -1",
       int is full() {
        it ((bront = = rear + 1) 11 (front = = 0 & rear = size -1))
         return 1°,
         return 0', 3
        int is Empty () {
         it (front == -1) return 1',
         return 0; }
        void enqueue (intelement) {
          it (isfull())
          print b (" queue is full! \n");
         else E
           it ( front = = -1) fron = 0 ,
           rear = (rear +1) Y. size .
           items[rear] = element',
           print b ( Inserted -> 1. d", element); }}
      int de Queue () {
          int element;
           it (is Empty(1) {
            print (" Quece is empty !! In");
           return (-i) 1, 3
         else E
              element = items [ front];
            ib (front = = rear) {
              front = -1"
                   rear = -1; 3
          else E
                front = (front+1) x SIZE; 3
```

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printt ("Deleted element -> y.d In", element), -
  return (element), 33
void display() {
      int i';
     it (is Empty ())
       print ("Empty Queue In");
     else E
         prints (" Front -> 1.d", Gront)"
         Printy ( Items -> "))
        for (i= front', i!=rear') i=(i+1) y.sIZE) }
           printt ("y.d", items[i]) ; 3
       print ("y.d", items[i])
       printb ("Rear -> Y.d In", rear); 33
```