Queue

Queue: is a list, whereas the insertion of new Mode is performed always at the end of quere, while the deletions are performed at the opposite 5:0e. ·FIF Queue: First In First Out *Applications on quewe! 1-pointers 2-05 and computer HW. 3 - Calling Centers: 4 - Reg. sys. 5 - Res. Sys. * Implementation of Que : 1- pointer Imp. 2- Array Imp. struct Quenç & it Jaha [8:2]; int front i Initialization int rear! Q. front = 5126-1; Q. Pront = 8:2E-1; int is Empty (amo Q)3 return (Q. Front == Q. read): void enquene (Queue Q, int x)} int temp = Q. real; if(Q.rear == sizE-1)

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11, 5emy - 4,1ear)
    if(Q.rear == sizE-1)
      Q. 100 = 0;
    el ga
     ++ Q.rear,
   ; & ( Q. rear == Q. Front ) {
      Paint&C' Error: Quene is full "bi
    20. lear = temp,
      Q. Data [Q. Year] = x;
int dequeme (Quene Q) {
if(!isEmPhy(Q)) }
     if(Q.Front == 8:2E-1)
      a. front = 0;
     elso
       ++ Q. front ;
    return Q. Daha CQ. Front J.
  else &
     Printfl' Error: Quene is Emply"),
    return -1,
```