1BM19CS167

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WEEK 4

Queue Implementation

1. Create an array of size n
2. Initialize front and rear = -1
3. To insert element into queue
   → Check condition if rear = MAX-1
   If true print Queue overflow
   Otherwise if front = -1, front = 0 and rear = rear + 1
   and the element is added to the queue
4. To delete element from the queue
   → We check if front = -1 or front > rear, the queue is empty
   else the element is deleted and front = front + 1
5. To display the elements.
   → We check if front = -1, if true the queue is empty
   Otherwise the elements are printed from front to rear
6. Exit