Linear queue - First In First Out 28 October 2023 17:26 Rear [4] [-1] [0] [1] [2] [3] 20 Front Enquere () Increment the rear -> rear to Insert Element at rear pos arr [rear] = data. Front end: pop (dequeue) Rear end: push (enqueue) Push (enqueue): dequere. 1) Increment the rear by 1 2) Insert the element at the rear position 3) If(front == -1) front = 0; Pop(dequeue): 1) Arr[front] = 0 2) Increment the front by 1 Queue full condition: rear == size-1 Queue empty condition : rear == -1 | | front > rear Always check if the queue is full before inserting the element Always check if the queue is empty before deleting the element Array display Queue Display For(I = 0; i < SIZE; i++) Queue is from front to rear For(I = front; i<=rear;i++)