

DELETE

Delete ():

Description: Here **QUEUE** is an array with **N** locations. **FRONT** and **REAR** points to the front and rear of the **QUEUE**.

1. If (FRONT == 0) Then [Check for underflow]
2. Print: Underflow
3. Else
4. ITEM = QUEUE[FRONT]
5. If (FRONT == REAR) Then [Check if only one element is left]
 - (a) Set FRONT = 0
 - (b) Set REAR = 0
6. Else
7. Set FRONT = FRONT + 1 [Increment FRONT by 1]
 [End of Step 5 If]
8. Print: ITEM deleted
 [End of Step 1 If]
9. Exit