## Question:

What are the steps involved in removing an element from the front of a queue?

## Answer:

Steps to remove an element from the front of a queue include:  
**1. Check for Underflow:**

Ensure the queue is not empty before attempting to remove an element. If the queue is empty, display an underflow error message.  
**2. Access the Front Element:**

Identify the element at the front of the queue.  
**3. Remove the Element:**

Remove or dequeue the front element.  
**4. Update the Front Pointer:**

Adjust the pointer to the next element in the queue.  
**5. Adjust the Queue Size:**

Decrement the size of the queue or update relevant counters.  
**6. Handle Empty Queue Condition:**

If the removal makes the queue empty, reset the front and rear pointers to their initial state

(e.g., -1 or NULL).