Write a Circular Queue using array in Java which implements the following interface:

**public** **interface** ICircularQueue {

// Add the given element at the REAR of the queue

// Returns false if queue is full otherwise true is returned

**boolean** add(String element);

// Remove element from the FRONT of the queue

// Returns null if the queue is empty

String remove();

// Returns the total number of elements stored in the queue

// Returns 0 if the queue is empty

**int** size();

// Returns comma separated elements from FRONT to REAR

// Returns empty string if queue is empty

String toString();

}

Verify each functionality either in Main class or by writing Junit test cases.

**Marks distribution:**

1. Basic structure of class [5]
2. Logic for isEmpty() and isFull() [10]
3. Implementation of add() [5]
4. Implementation of remove() [5]
5. Implementation of size() [5]
6. Implementation of toString() [5]
7. Main driver class or Junit [5]