Character Queue

Write a character queue class, using a an array.

Method Name	Return Type	Description
enque	none	removes the element at the front of the queue and returns it
deque	char	inserts and element at the rear of the queue
isEmpty	boolean	returns true if the queue is empty, false otherwise
isFull	boolean	returns true if the queue is full, false otherwise
size	int	returns the number of elements in a queue

Use the method description above to create an `interface` that you will implement.

Create at a character based queue. Test all the methods to make certain they function as expected.

The following code may be of help:

```java
public class Cqueue inplements CqueueInterface
{
   // references for the ends of the queue
   private char[] q;
   private int front, rear, count;

   public Cqueue()
   {
      // initialize q array

      front = rear = 0;
      count = 0;

   }

   // other methods

}
```