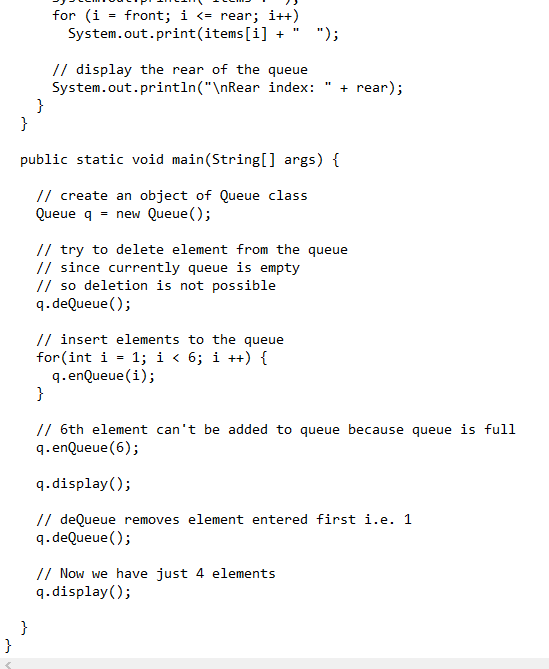
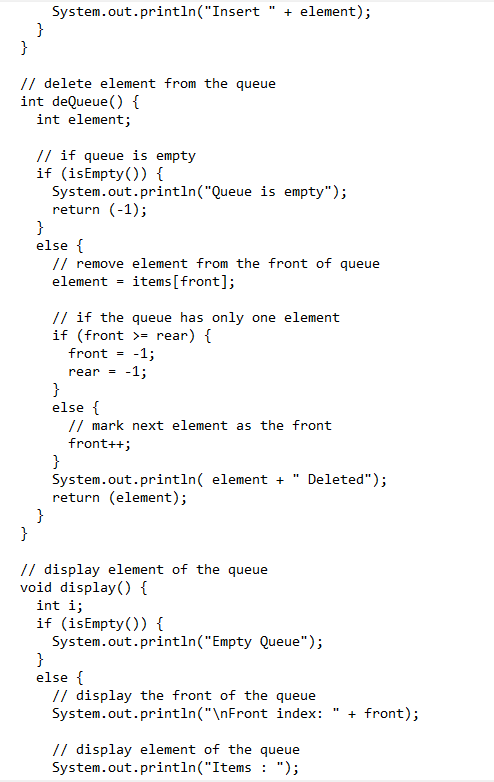
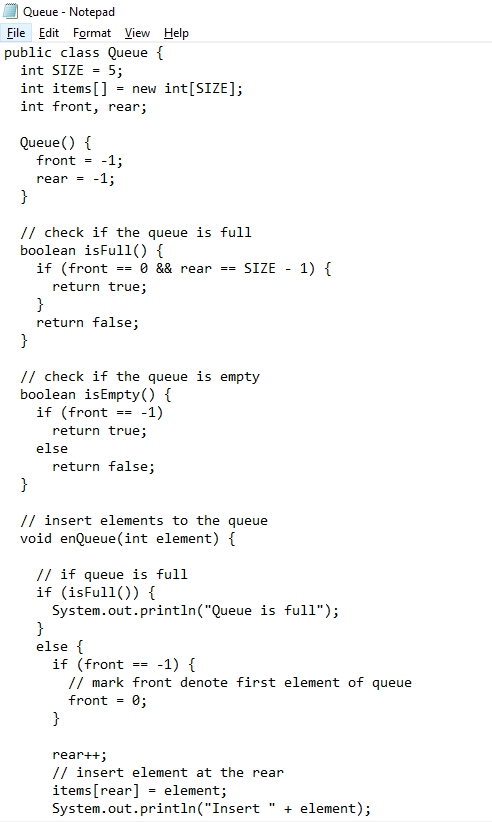
**QUEUE IMPLEMENTATION:code** 

**output:**

