

Homework 10 : Concurrency

Modify the Queue class that we have developed in Lab12 in such a way that

- It can contain maximum of 10 elements at a given time
- When its capacity is full it will block the threads which tries to add elements to the queue
- When there is a room for a new element in the queue it will enable one of the blocked threads to add an element

Also Modify the Queue class and the main method so that after the producer threads completes, block the main thread until the queue is empty.

Due date: 25.04.2016 13:30

Submission:

- You will submit your homework to **onurkilincceker@gmail.com**
- Write CENG 1004 HW10 in the subject line of your email.
- To this email, you should attach your compressed deliverable file (zip file) which contains the source files of your application.
- The name of your zip file should be in the following format: StudentID_HW10.zip and you should replace StudentID with your own ID number. Assuming 1007090002 is your ID number, then the name of your zip file should be 1007090002_HW10.zip