Real Time Systems, January 2024

Using semaphore for counting and synchronization amond independenty run processes -An Extension

Opened: Wednesday, 7 February 2024, 12:00 AM
Due: Wednesday, 14 February 2024, 11:59 PM

✔ Done

This is an extension of the previous assignment, where there was only one **producer** process and one **consumer** process "working" on a shared circular queue. At a time the producer process could add only one item and the consumer process could "consume" only one item. We may start working on a copy of the programs you wrote for the previous assignment to incorporate the following.

- There can be more than one **producer** and more than one **consumer** processes run independently (at different terminals).
- At a time a **producer** process may add one or more (maximum 10) items to the queue and a **consumer** process too may "consume" one or more (maximum 10) items from the queue.

Your programs must be user-friendly and well-documented!

Submission status

Attempt number	This is attempt 1.
Submission status	Submitted for grading
Grading status	Not graded
Time remaining	Assignment was submitted 12 days 19 hours late
Last modified	Tuesday, 27 February 2024, 7:39 PM
File submissions	consumer2.c 27 February 2024, 7:38 PM producer2.c 27 February 2024, 7:38 PM
Submission comments	Comments (0)