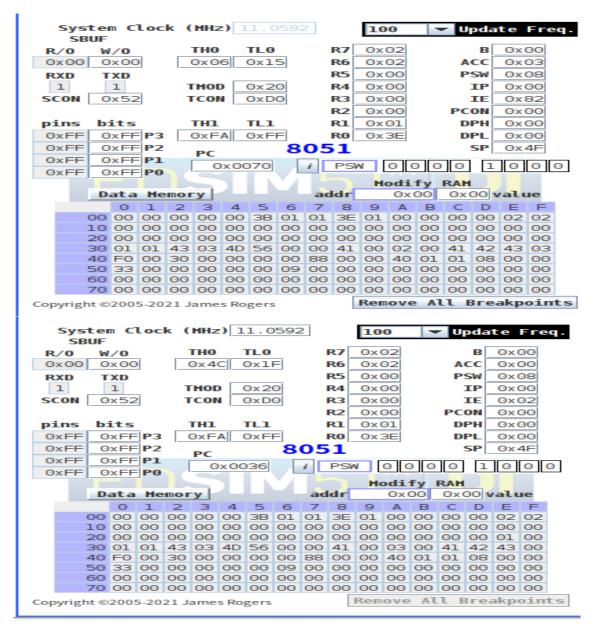
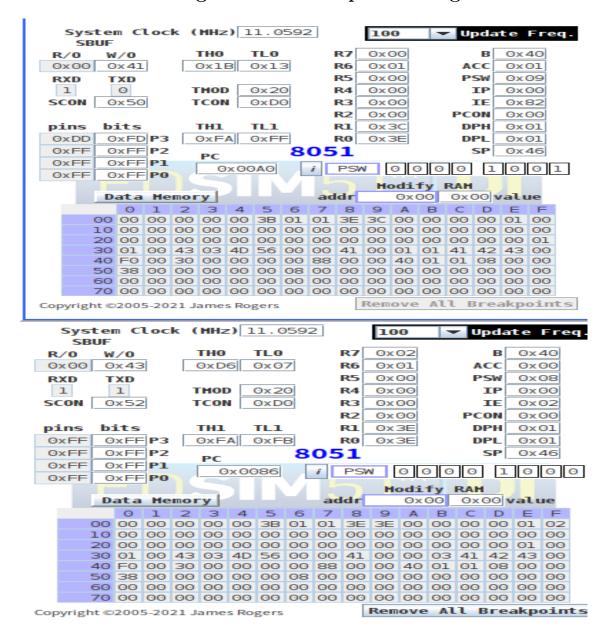
1 Question 1: Take screenshots when the Producer is running and show semaphore changes



1 .Because currentThreadId() is 1 so can know producer is running, and $Mutex(in\ 0x29)$ is changed from 1 to 0 in picture1, and

Mutex(in 0x29) is changed from 0 to 1 in picture 2, and Full(0x3A) is changed from 0 to 3, empty(0x3B) is changed from 3 to 0

2 Question 1: Take screenshots when the Comsumer is running and show semaphore changes



1. Because currentThreadId() is 0 so can know comsumer is running, and Mutex(in 0x29) is changed from 1 to 0 in picture 1 , and Mutex(in 0x29) is changed from 0 to 1 in picture 2 , and Full(0x3A) is changed from 3 to 0, empty (0x3B) is changed from 0 to 3