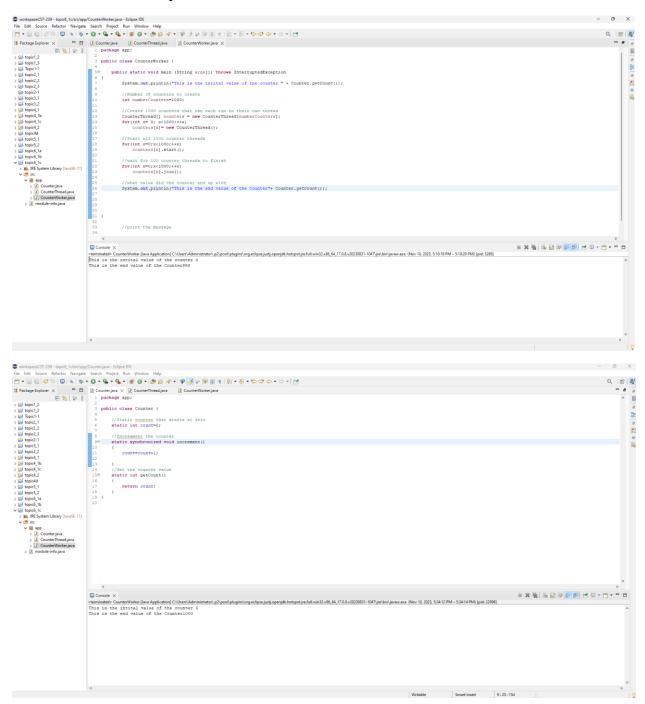
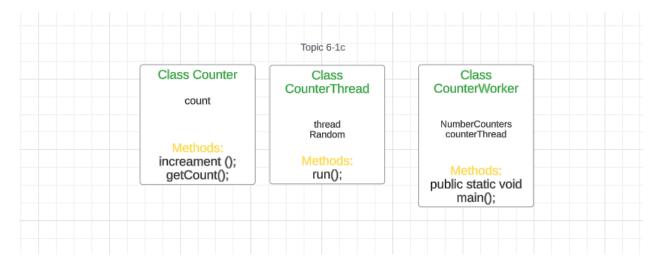
Activity 6-1c

Screenshot of output:



UML:



Write up:

6-1c part 1

We had a method that had a try and catch error exception, inside that run method we had a generator of a new random and a sleeper method. I think the output not being able to generate a 1000 and increment by one was because of the sleeper method and the run method not being synchronized. The sleeper method was eliminating the thread continuation on an increment. I believe that may be the reason on why we weren't getting the incrementation because when I remove the sleeper method and the synchronized, I end up getting the 1000 and incrementation.

6-1c part 2

We had the same code as the previous code, the only thing we have changed is the synchronized method was added. When we use the synchronized, it gives us the ability to control whatever being accessed on multiple threads who share the same resources. When we added the synchronized to the method, it prevented thread interface which outputted the 1000.