CSCI 315 Operating Systems Design
Activity 10

Please make sure to not work alone in this activity.

1) A microprocessor gives you an instruction that implements the **`TestAndSet`** concept as shown in the lecture slide. Using this instruction show the implementation of the **`lock`** and **`unlock`** primitives that solve the critical section problem.

2) A microprocessor gives you an instruction that implements the **`CompareAndSwap`** concept as shown in the lecture slide. Using this instruction show the implementation of the **`lock`** and **`unlock`** primitives that solve the critical section problem.