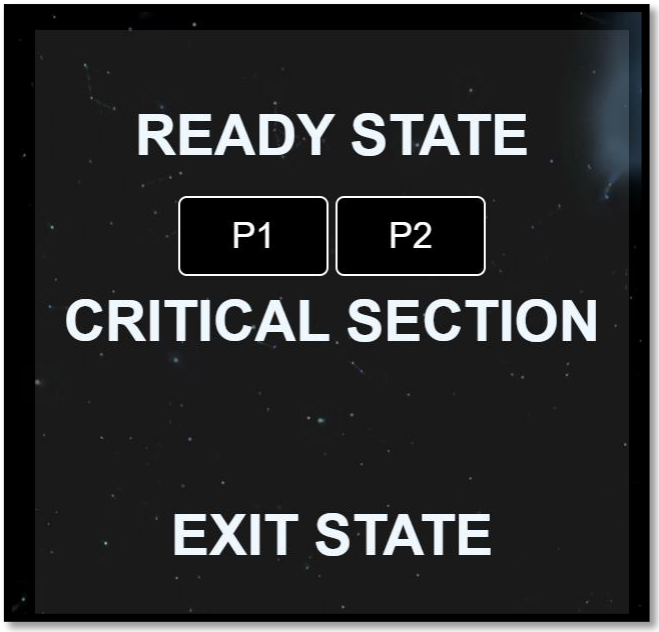
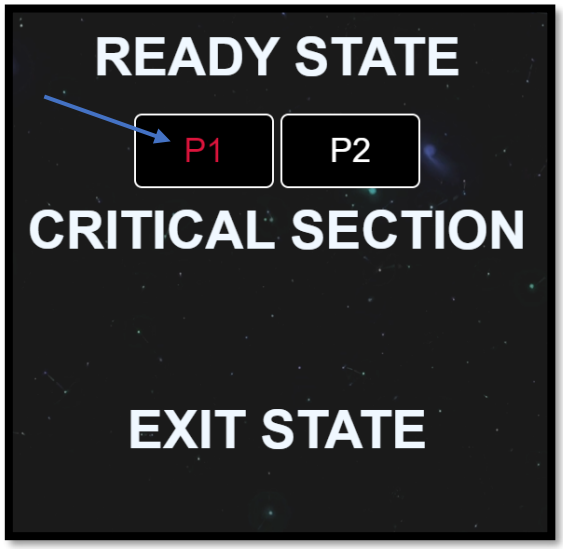
Welcome to the Peterson's Algorithm Simulator! This simulator allows you to simulate the behavior of the Peterson's Algorithm, which is used to synchronize two processes that share a common resource.

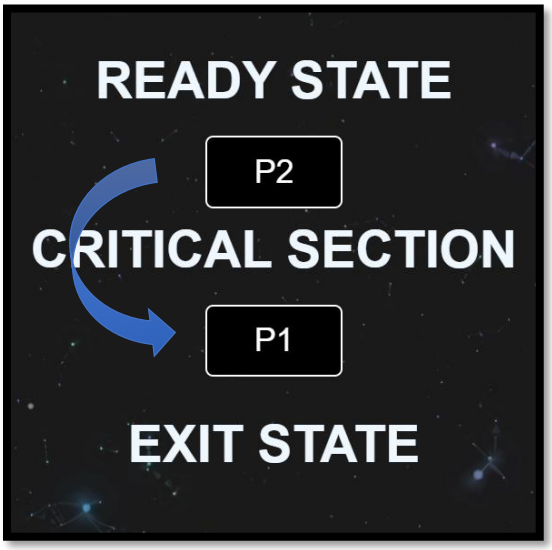
Instructions:

1. At the beginning of the simulation, both 'Process 1' and 'Process 2' buttons will be in the 'Ready State'.

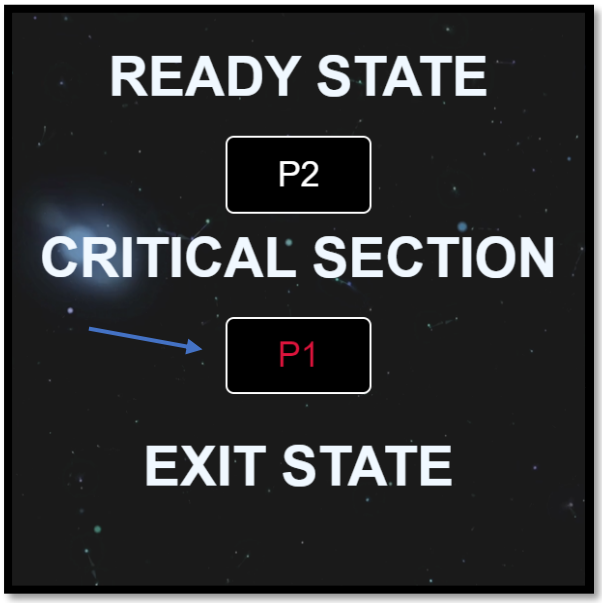


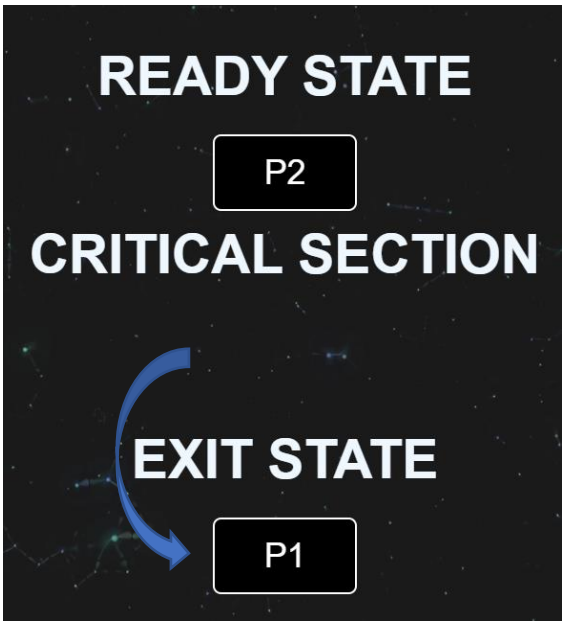
2. Click on one of the processes to send it to the 'Critical Section' state.



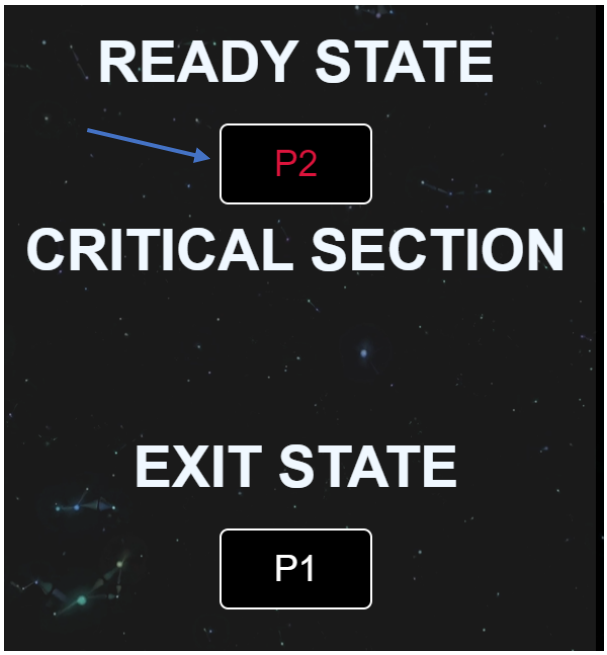


3. To release the process in the 'Critical Section', click on the button for the process in the 'Critical Section' state. This will send it to the 'Exit State'.

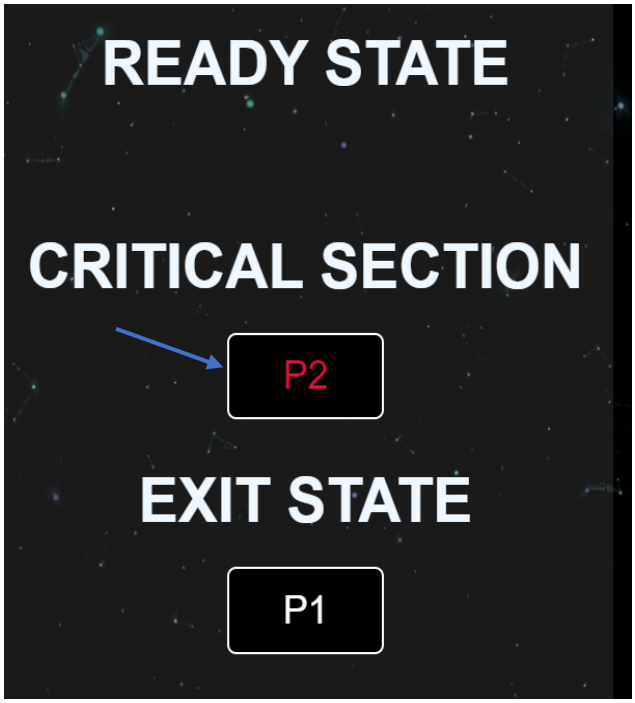


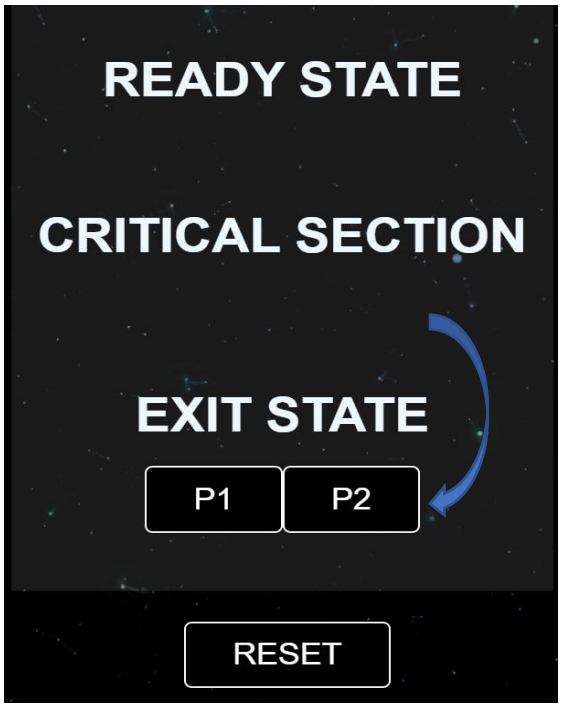


4. Once the process is in the 'Exit State', you can then send the other process to the 'Critical Section' state.

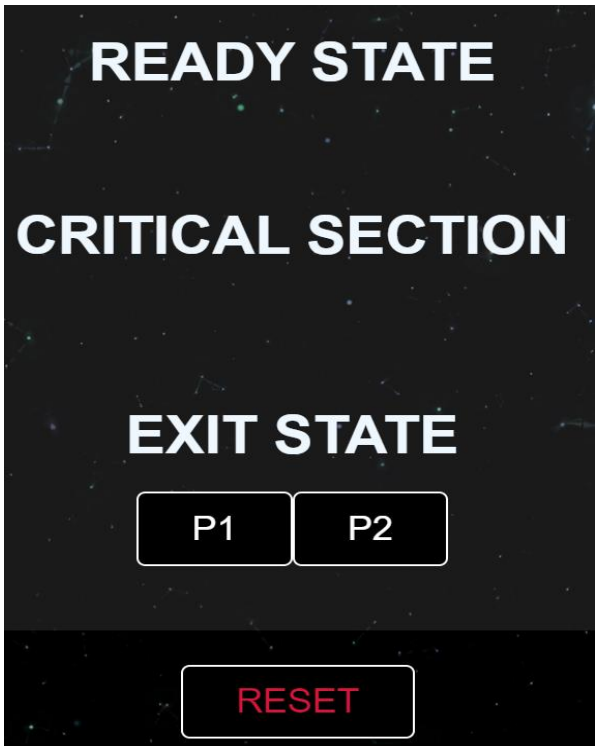


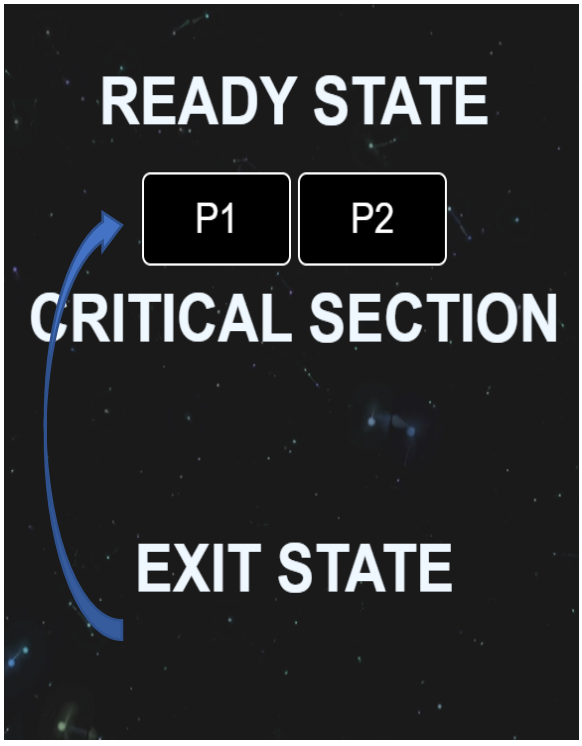
5. on clicking P2 button both process in exit state and reset button shown.





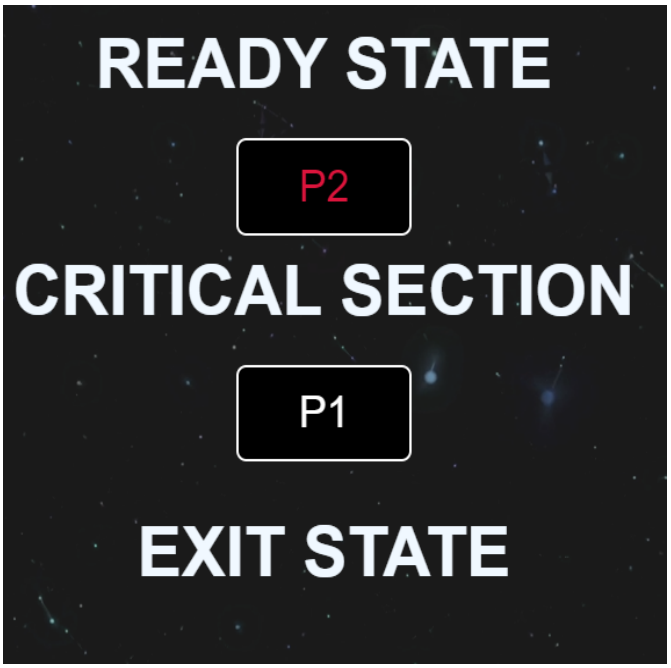
6. on clicking reset button both process at ready state placed.

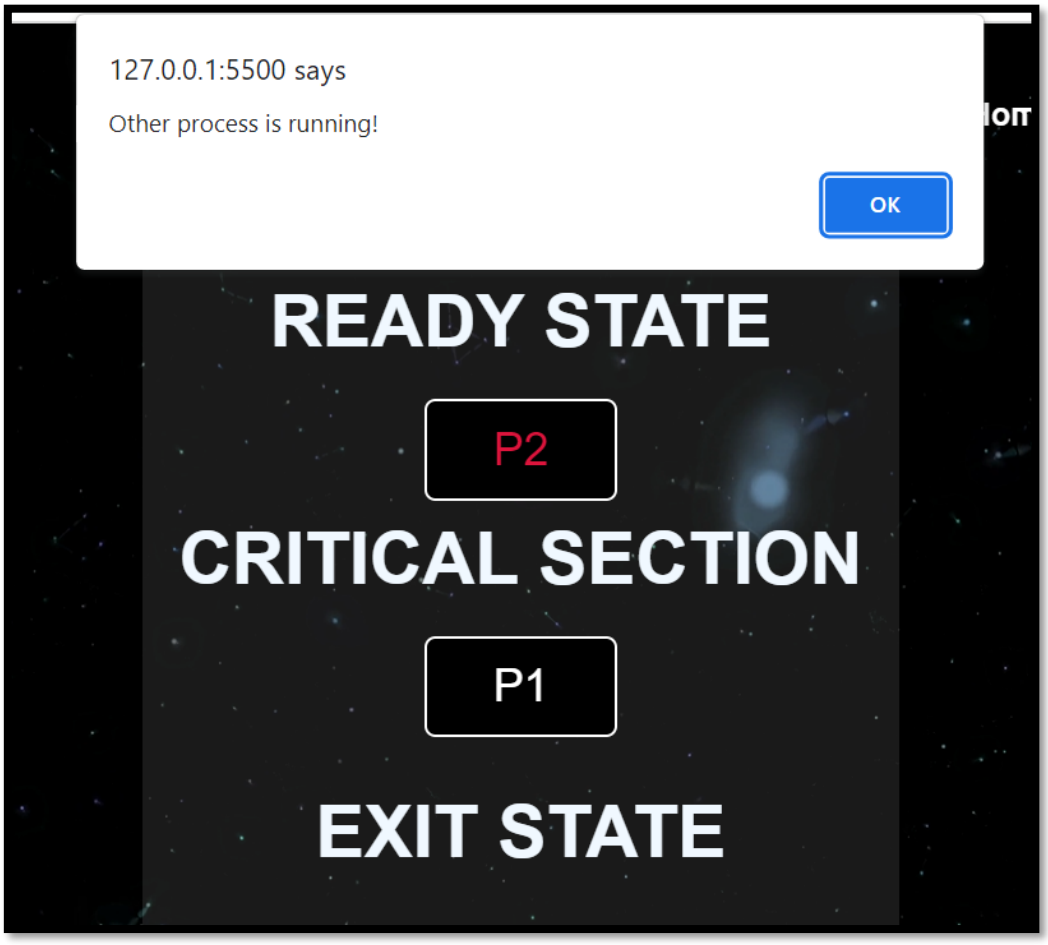




7. Repeat steps 2-4 to simulate the behavior of the Peterson's Algorithm.

Note: The Peterson's Algorithm ensures that only one process can be in the 'Critical Section' state at a time. The simulator will alert you if you attempt to violate this rule.





Enjoy the simulation and have fun exploring the behavior of the Peterson's Algorithm!