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ECPE 174

Pre Lab #3

* Problem Summary: A combinational lock has inputs ‘A’, ‘B’, and ‘C’. Only one input can be used in a given moment. When the lock sees the input “BACB”, the lock will become unlocked. If any incorrect inputs are entered to the lock, the lock will revert back to initial state. The lock will also revert back to initial state if any inputs are entered while lock is in unlocked state.
* Design Approach: 