Output Summary

For the output summary, we have considered two cases, when the user inputs correct password and when it inputs incorrect password. The third screenshot displays different ways to reset the circuit.

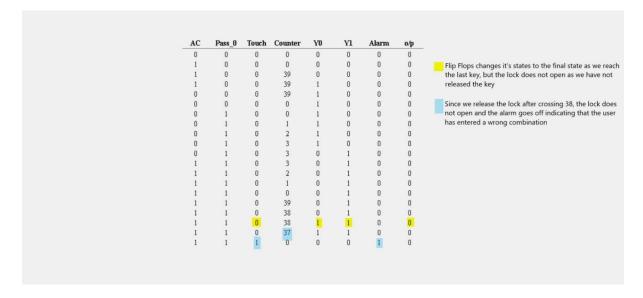
Sample Input and Output

Key used in simulation: A-39, B-3, C-38

Simulation when the correct key is entered:



Simulation when the user passes the last key while entering the inputs:



In the above case as alarm rings, the circuit automatically resets.

Simulation of different ways to reset the entire circuit

