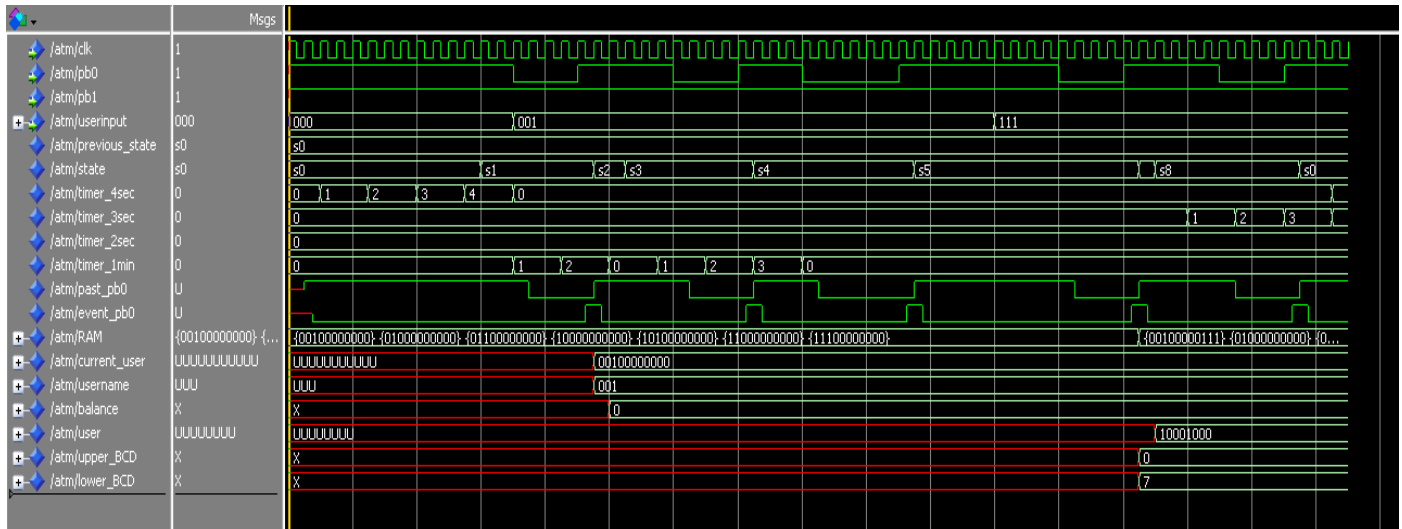
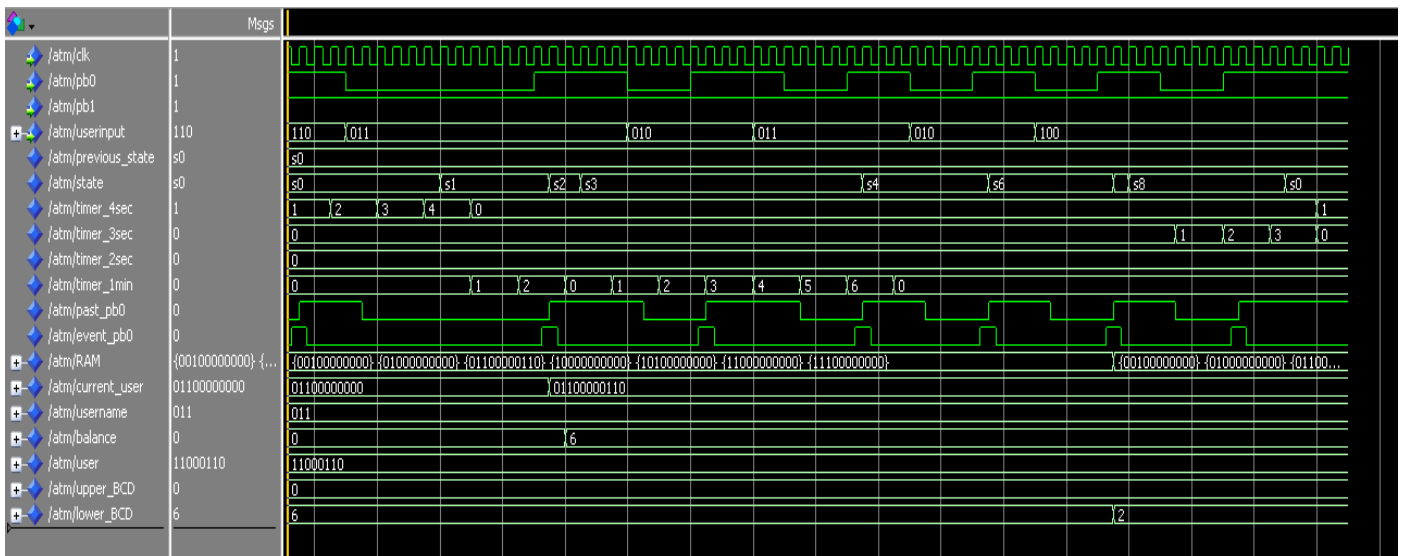


Simulation Results

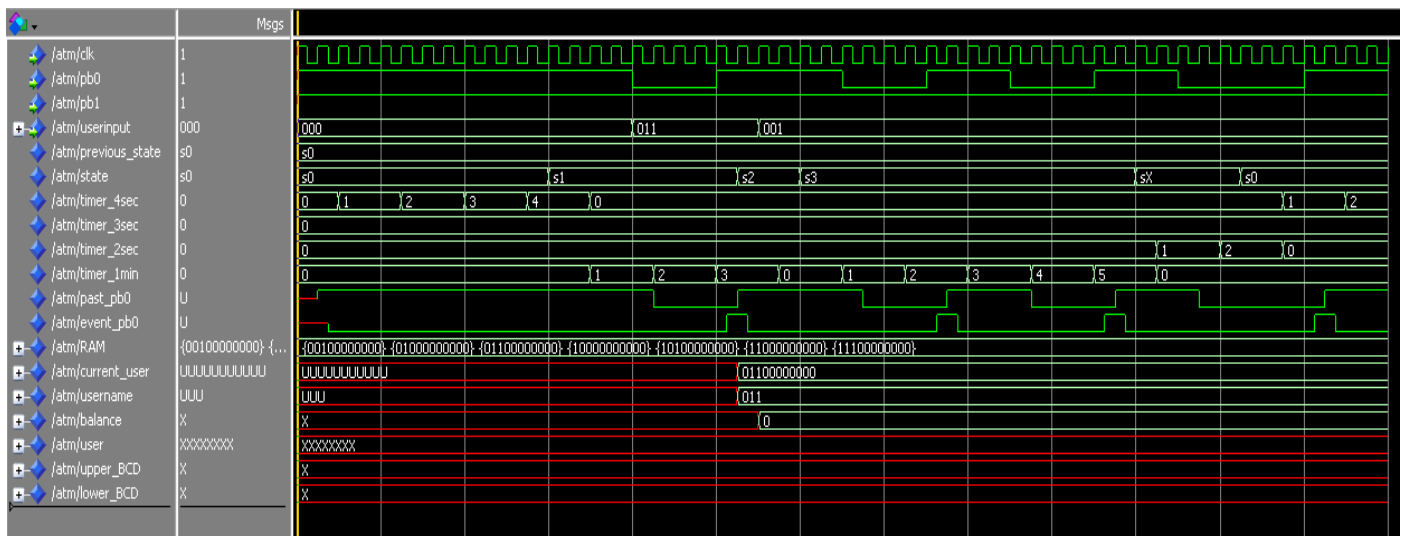
Using ModelSim simulation software from the Intel Altera Quartus software, the code was effectively simulated by putting in the necessary user inputs to go from state to state.



The picture above shows the system where the user does a Deposit of \$7 in Account A

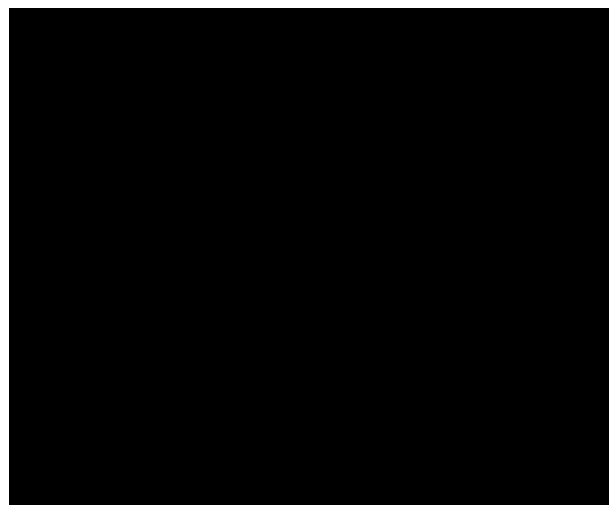
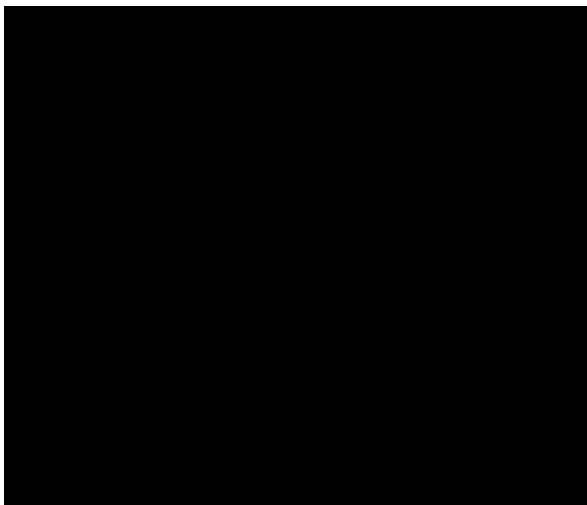


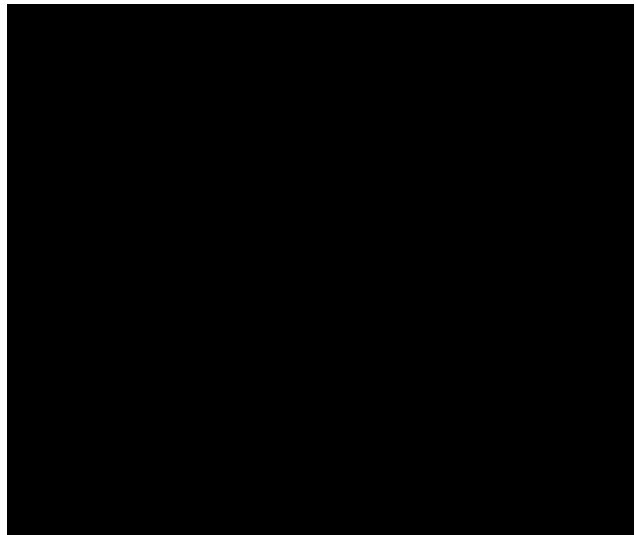
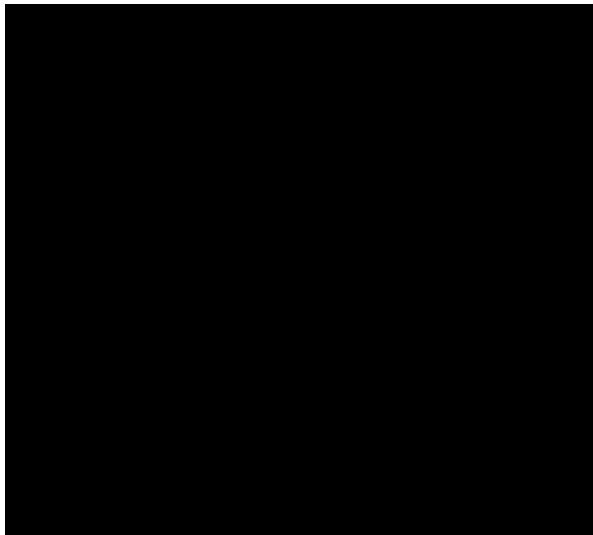
The picture above shows the system where the user does a Withdrawal of \$4 from Account C which had a previous balance of \$6



The picture above shows the system where the user get the passcode entered wrong twice for Account C (ERROR state)

DE-10 Lite Development Board Results





The pictures shown above are when the user is Depositing \$7 into account A.

The last picture shows “A.07” on the output screen of the Intel DE-10 Lite board