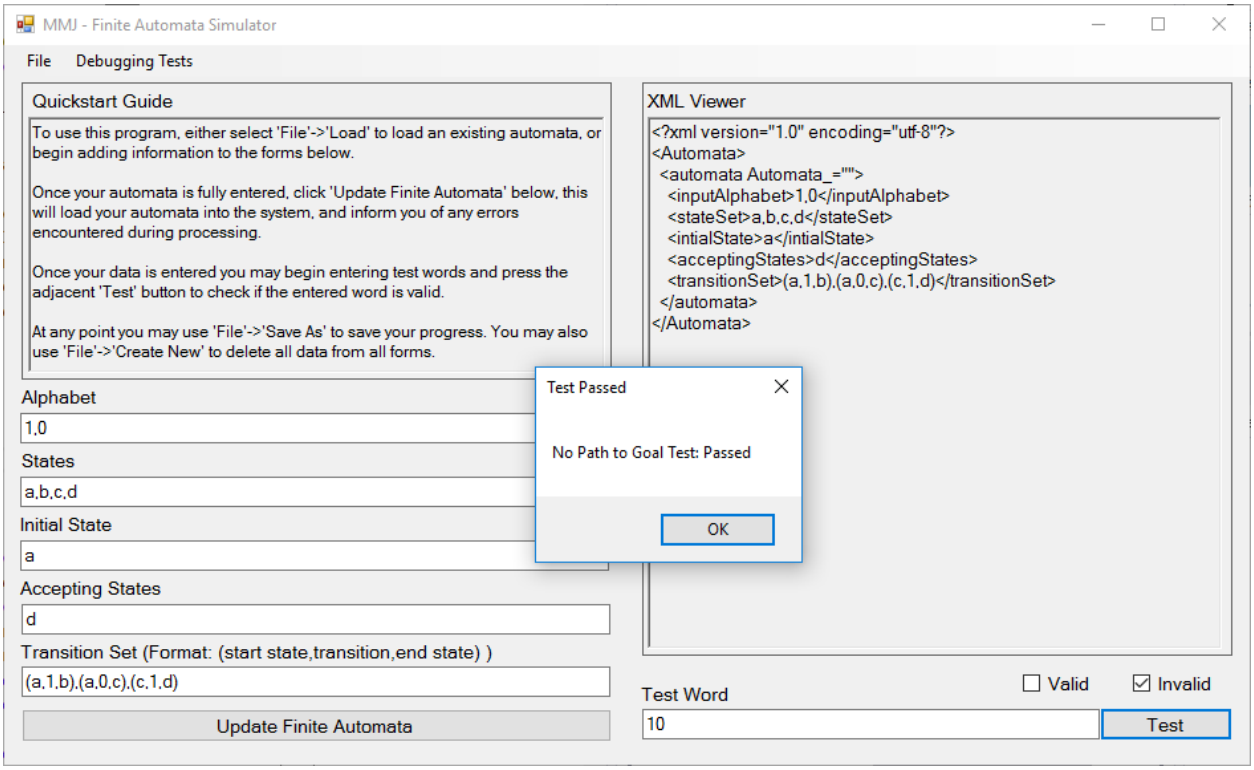
MMJ-Automation

Milestone 7

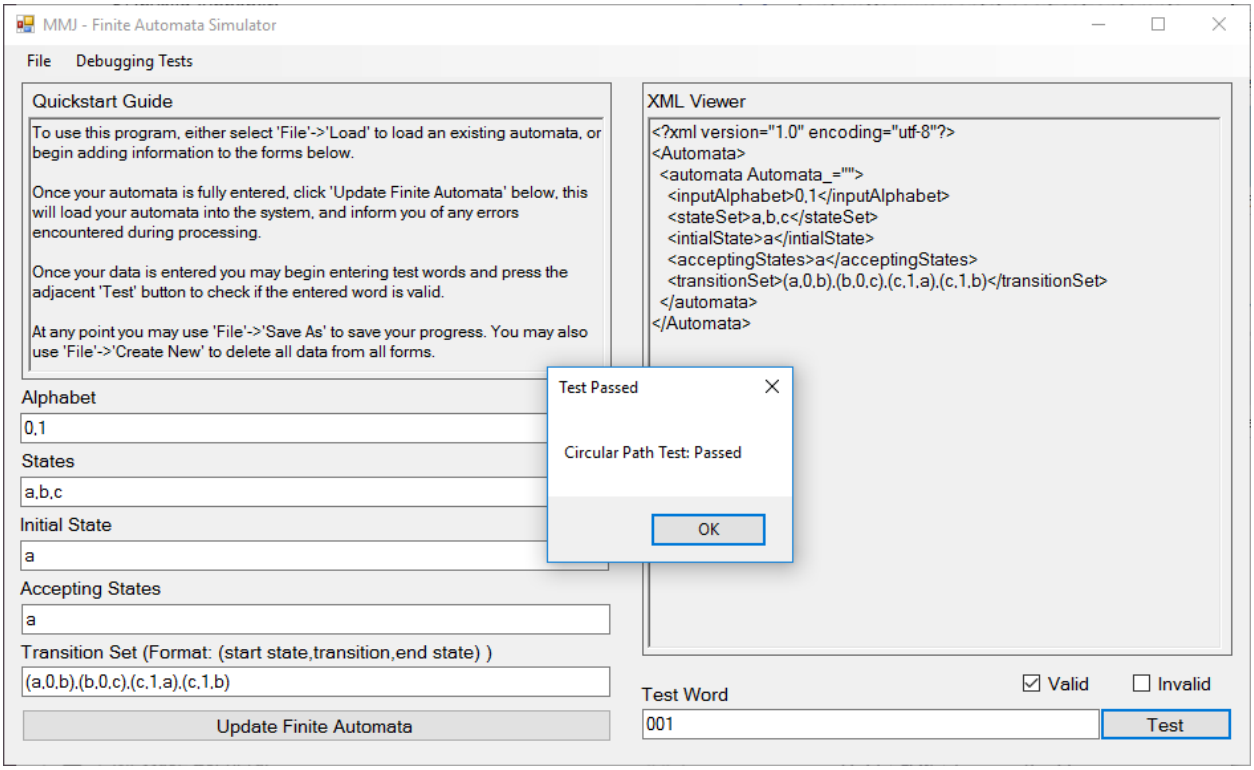
No Path to Accepting:



Expected Behavior: Invalid

This will handle to case of passing a word into an automaton object that has no way to get to an accepting state.

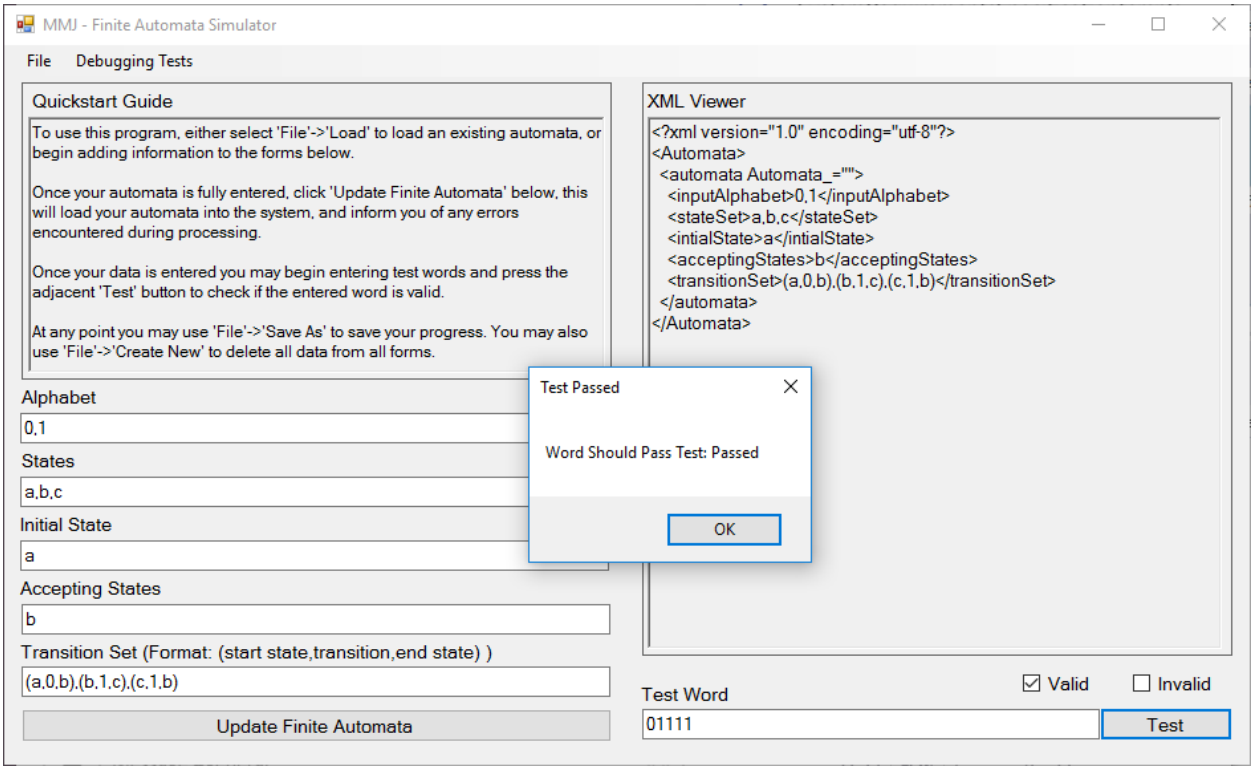
Circular Path:



Expected Behavior: Valid

This test will handle the case of passing a word into an automaton object that contains a loop within the states of the automaton.

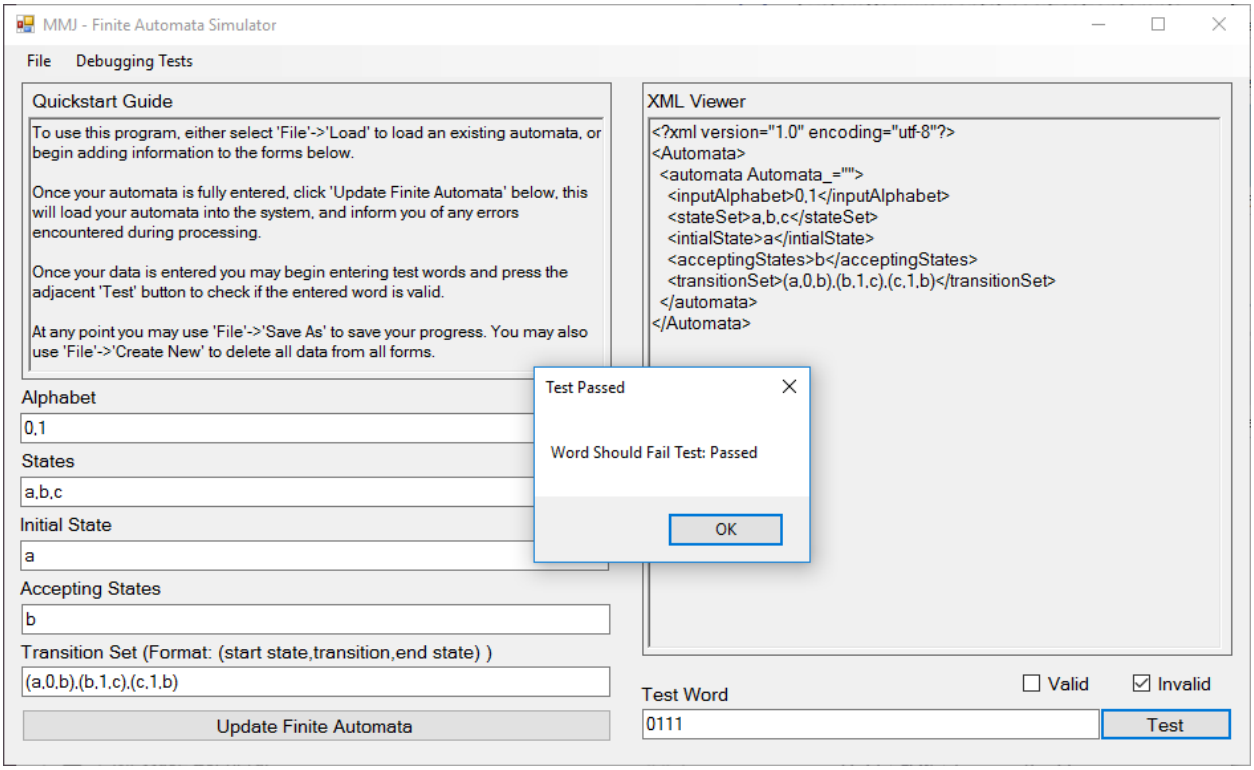
Standard Success:



Expected Behavior: Valid

This test will handle the case of passing in a word that should be accepted by an automaton object.

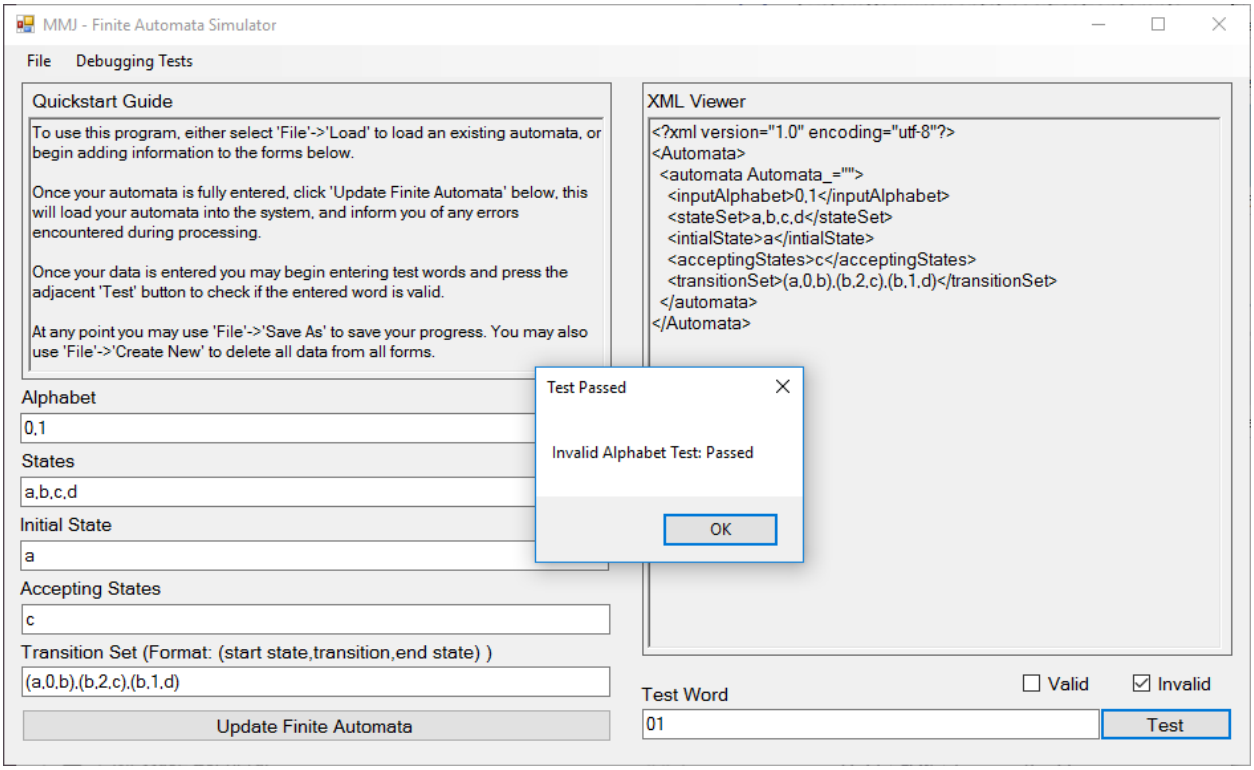
Standard Fail:



Expected Behavior: Invalid

This test will handle the case of passing a word that should not be accepted by an automaton object.

Invalid Alphabet:



Expected Behavior: Invalid

This test will handle the case of trying to go through a transition who's data field is not included in the alphabet (automaton is not represented right).