CS321 Exercise #7 Due by midnight, Thursday, November 21th, Submit via D2L

1. Consider the Turing machine below



- C. Pick a string not in the language and show that either a sequence of related configurations gets stuck, or ends in the reject state.
- D. Pick a string in the language and show that a sequence of related configurations ends in the accept state.
- 2. Give a Turing machine for the english language descriptions below over the alphabet {0,1}
 - A. { w | w contains an equal number of 1's and 0's }
 - B. { w | w contains twice as many 0's ans 1's }