Use JFLAP to solve the following problem. You may work with 1 or two others for this classwork.

Turn it in with Eclipse into classwork3 folder with names in your group and the running time....

1. Build a TM acceptor for the following language.
   
   \[ L = \{ww \mid w \in \Sigma^+ \}, \Sigma = \{a, b\} \]
   
   Note that abab is accepted, abbb is not accepted.

2. Give the running time, big-Oh, assuming the \(|w| = n\).