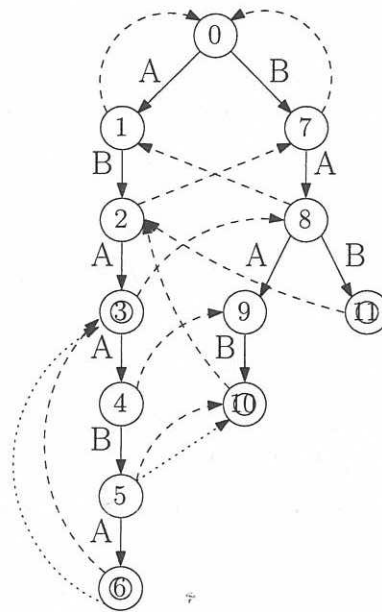


8. Describe how the Aho-Corasick automaton finds the occurrences of ABA, ABAABA, BAAB and BAB in $T = \text{ABAABAB}$ using the following automaton:



(Solid lines are goto links, dashed lines are failure links and dotted lines are output links.)

9. What is the edit distance between ABAABA and ABRABRA? Show the DP array.
10. What are the substrings in ABAABABAABAAB within edit distance 1 of BABAB? Write each distinct substring once.

Good luck with your projects!