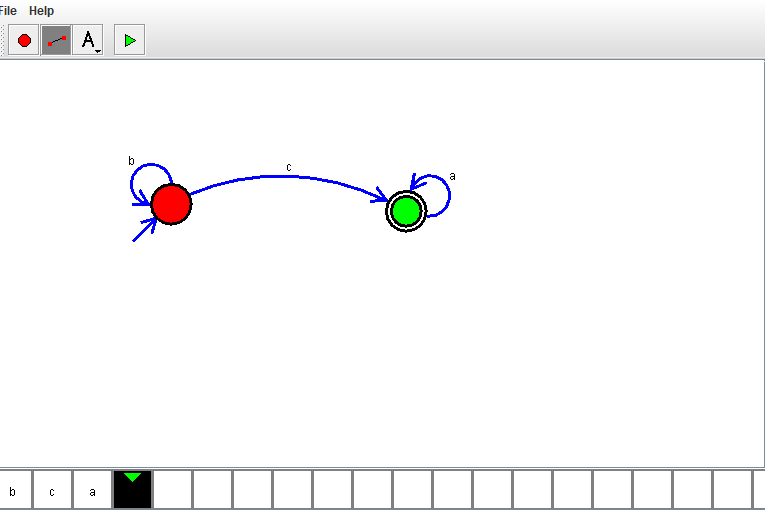
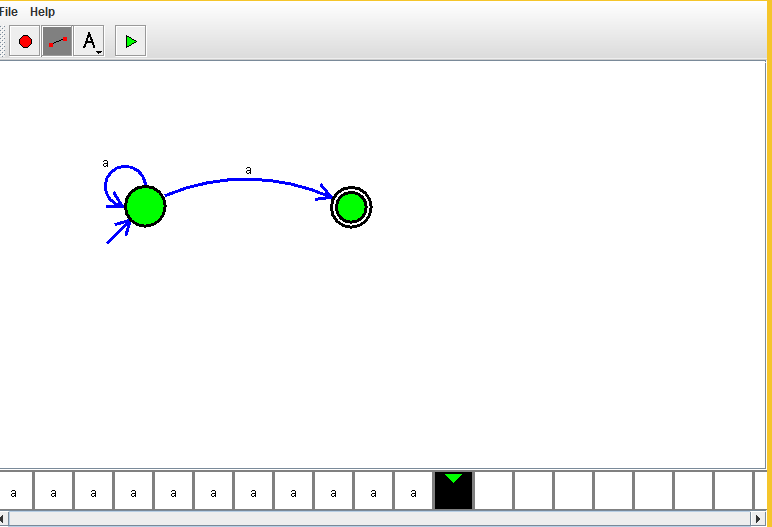
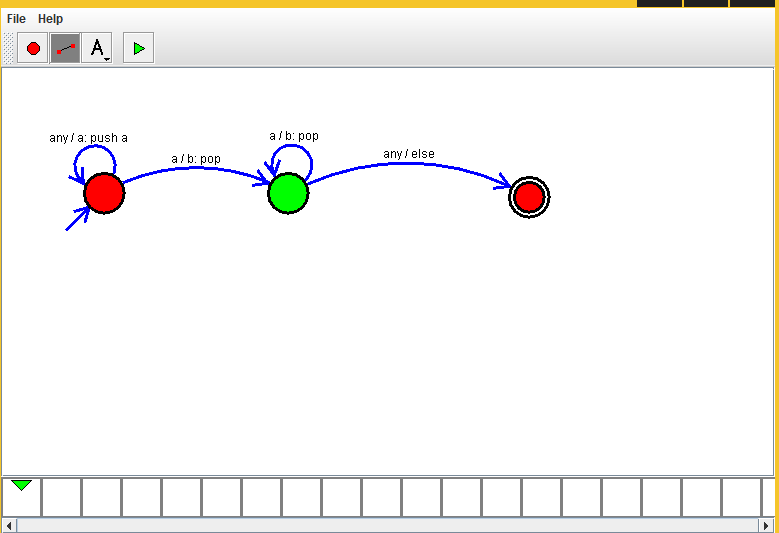
1. Design DFA to accept bcaaaaaaaaaaaaaa, bc, and c



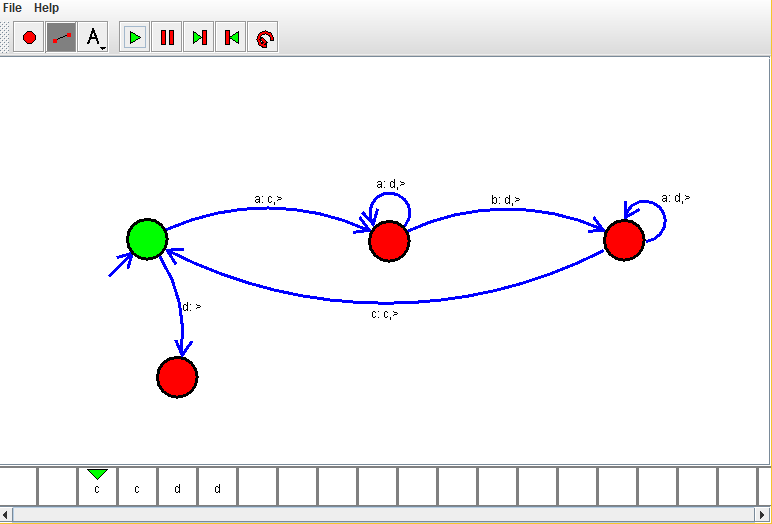
2.Design NFA to accept aaaaaa



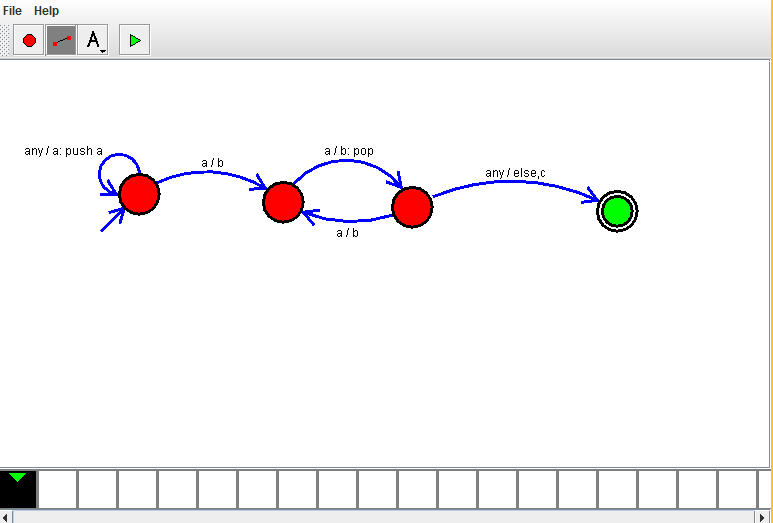
3.Design PDA for the input a^nb^n



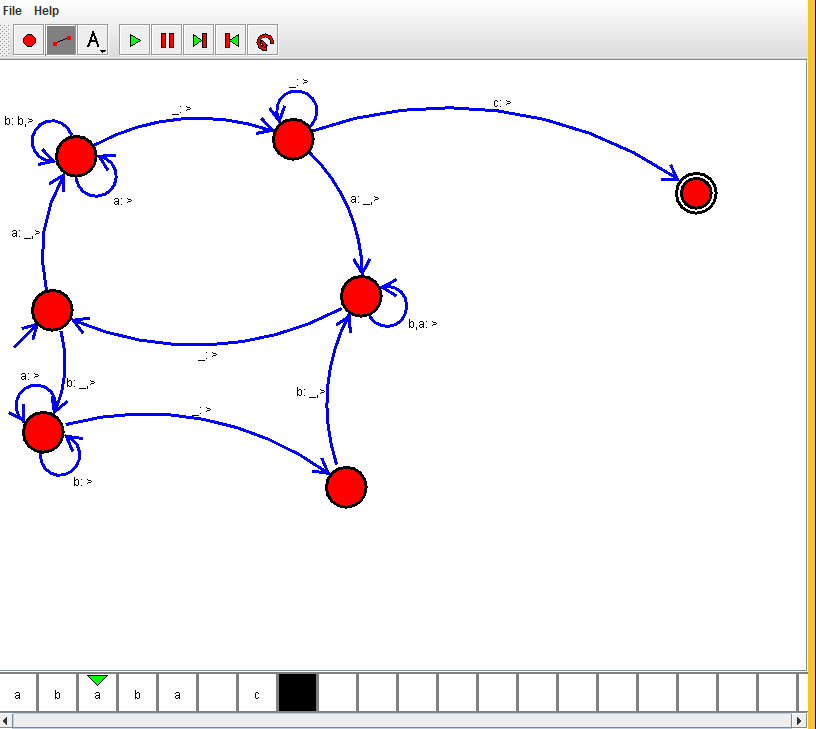
4.Design Tm For input a^nb^n



5 .Design PDA for input aabbbbc ( L=a^nb^2n)



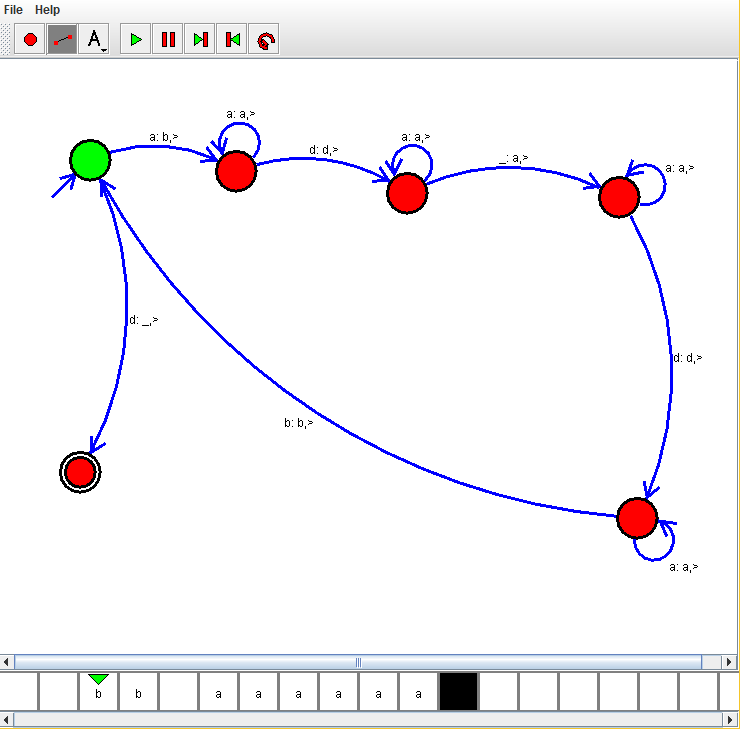
6.TM Simulation for Palindrome W= ababa c



7.Design TM to perform addition of following

W= aa + aaaa

After Addition of a’s = aaaaaa



8.Design TM to perform subtraction

W= aaa-aa

The Result of Subtraction is = a

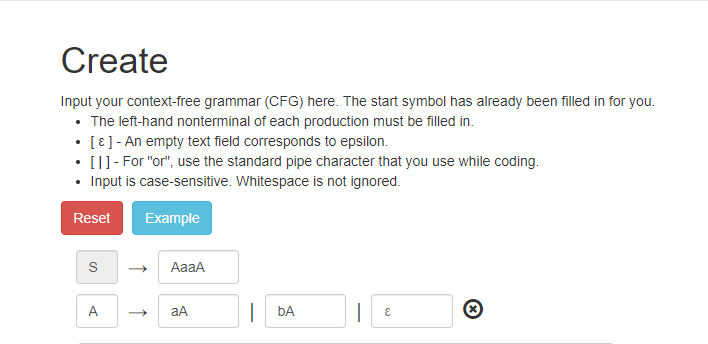


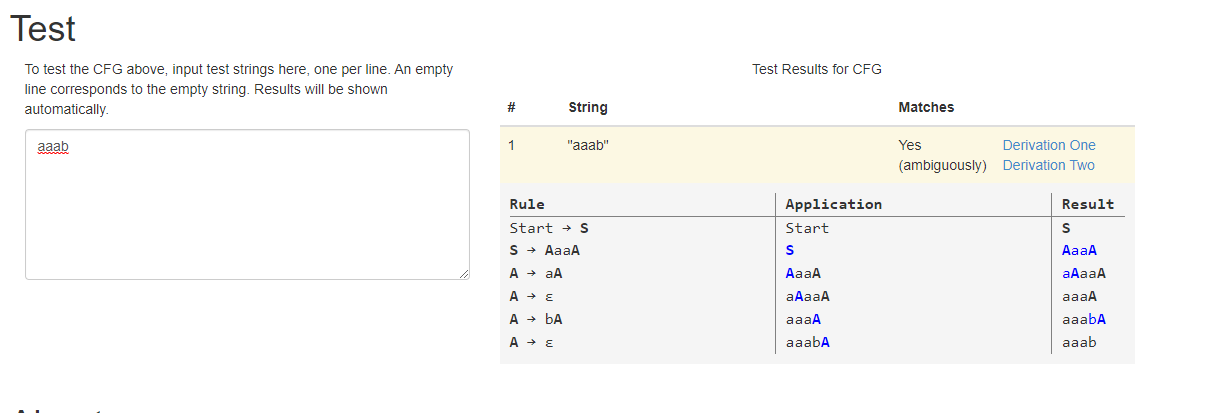
9.Design TM to perofrm string comparison

W = aba aba

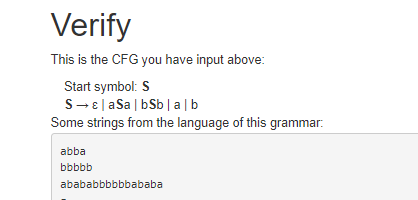


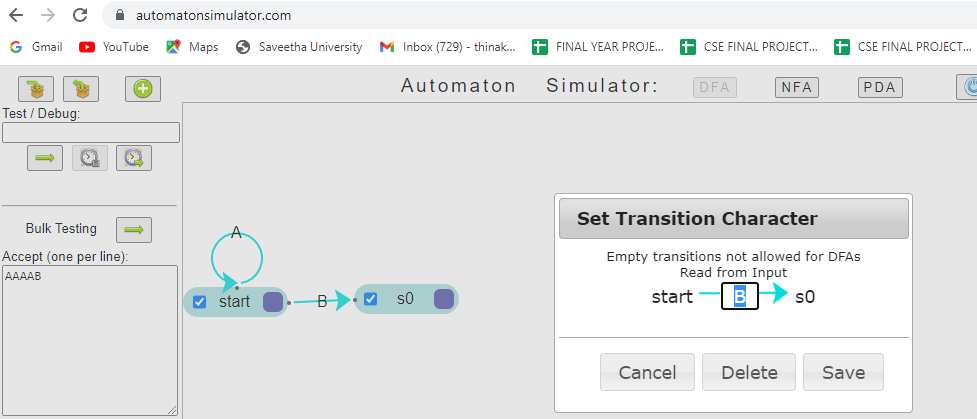
10.Write CFG to product string which consists of substring ‘aa’



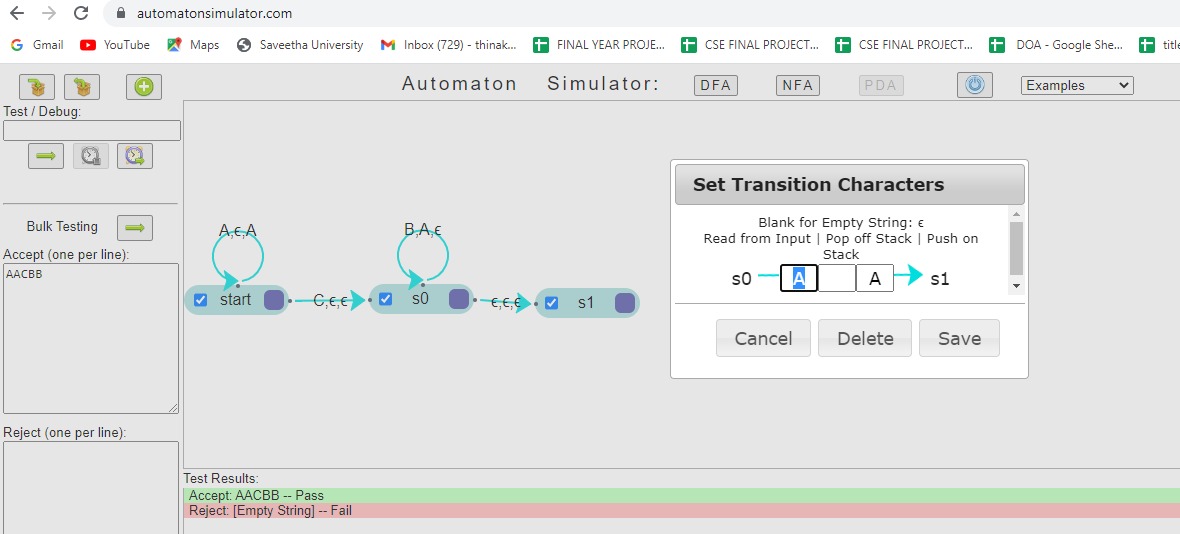


11.Write Context Free Grammar to Generate Palindrome

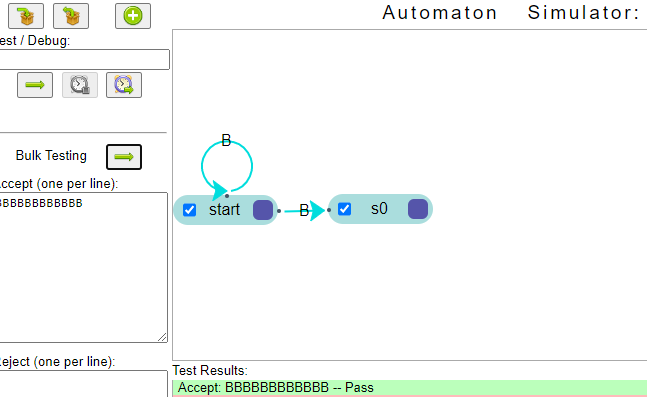




12.



13)



1. Write CFG which will produce string over set = {a,b} that start with ‘a’ and end with ‘b’

