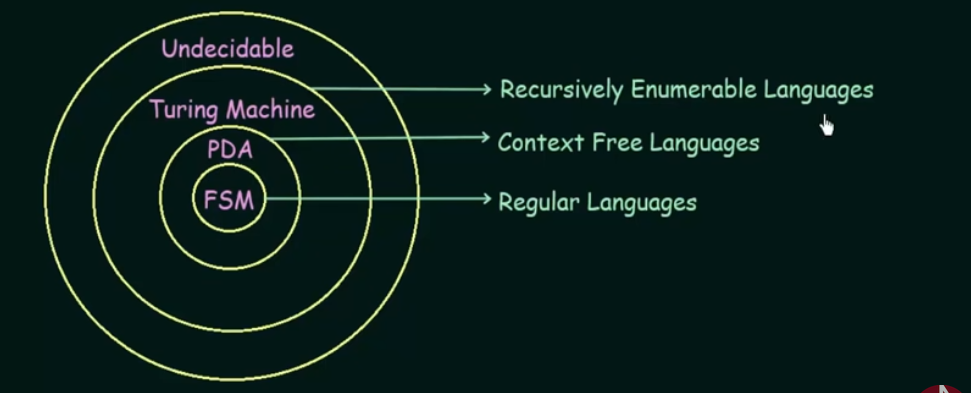
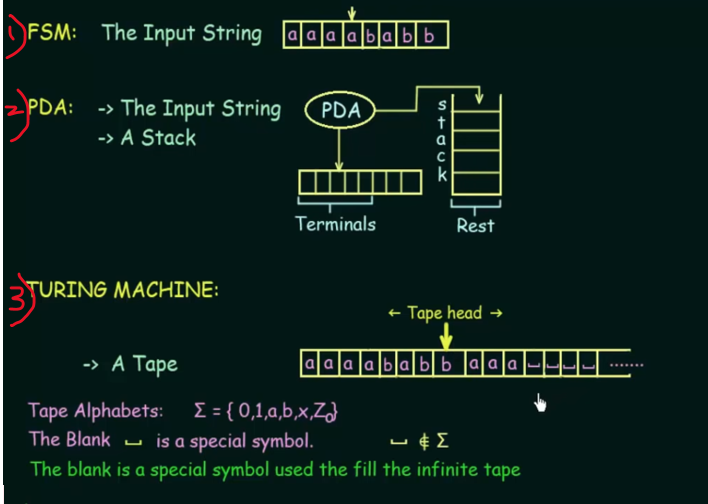
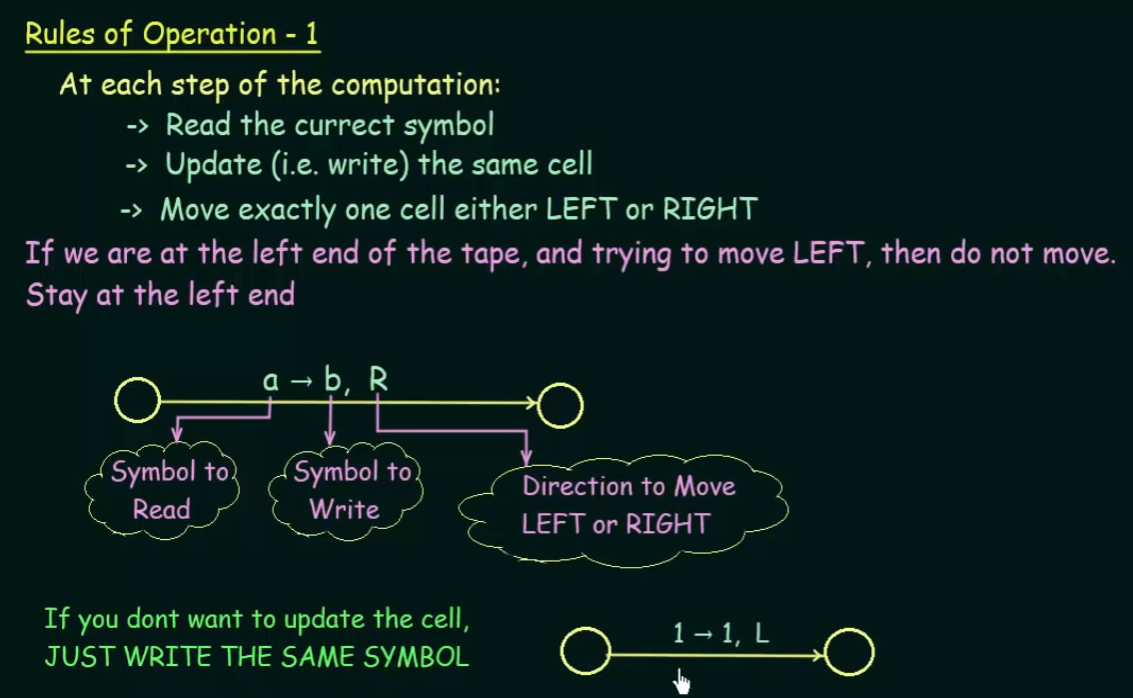
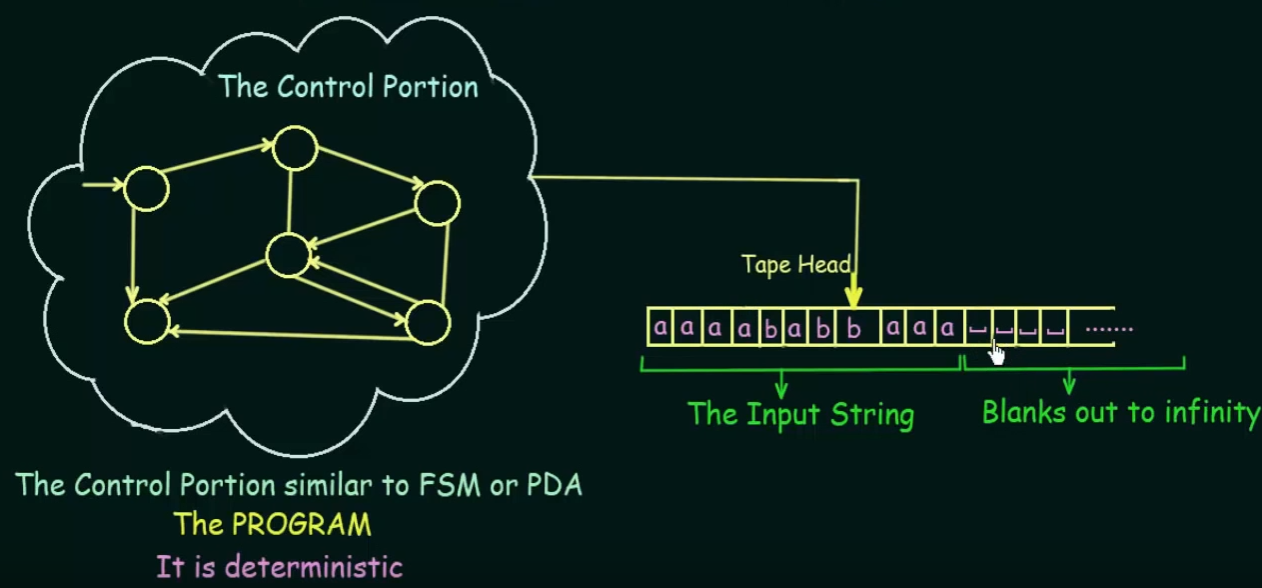
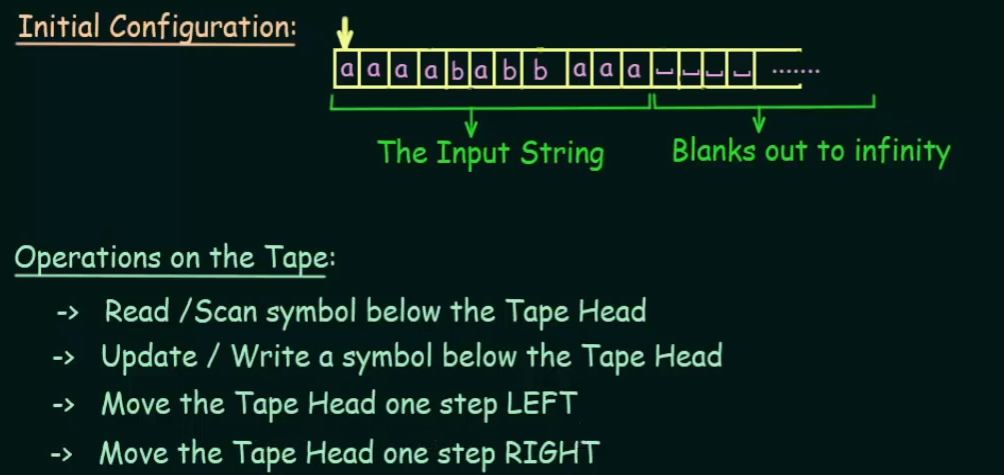
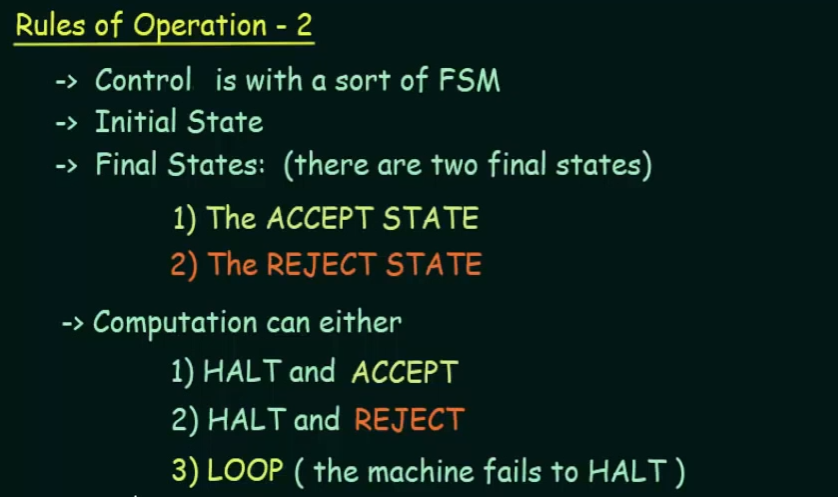
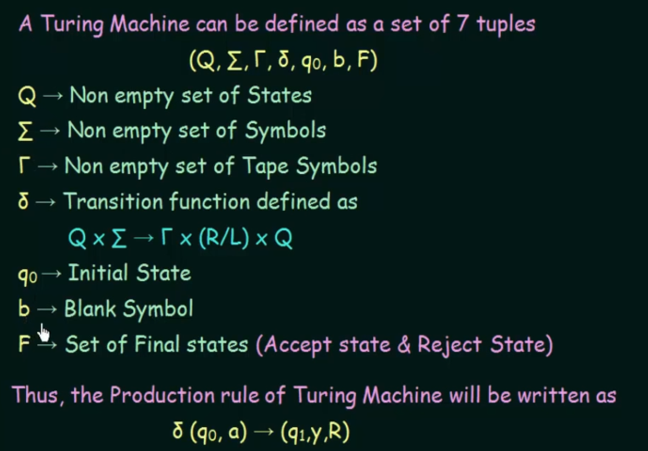
**Turing Machine Intro and Basics**



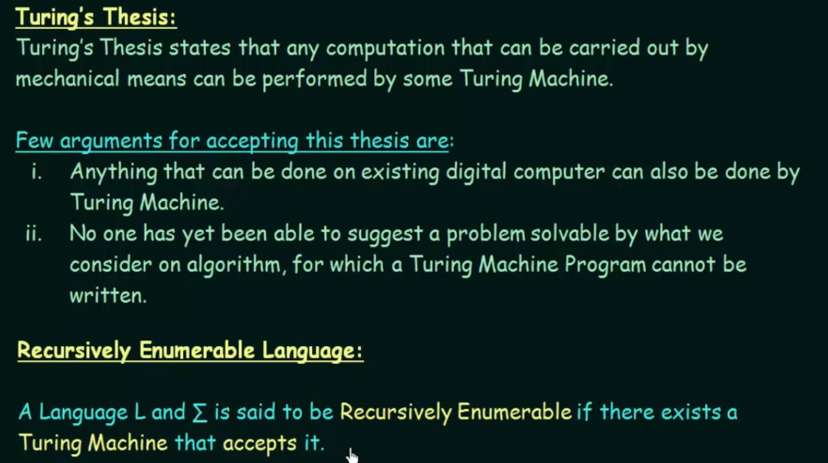




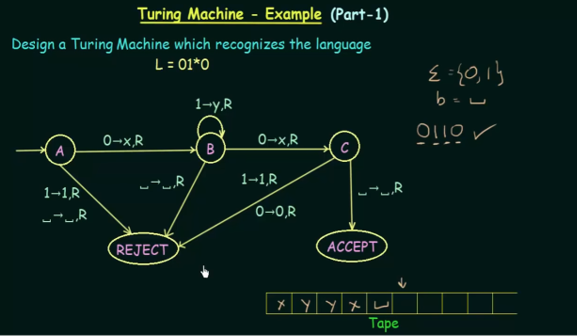


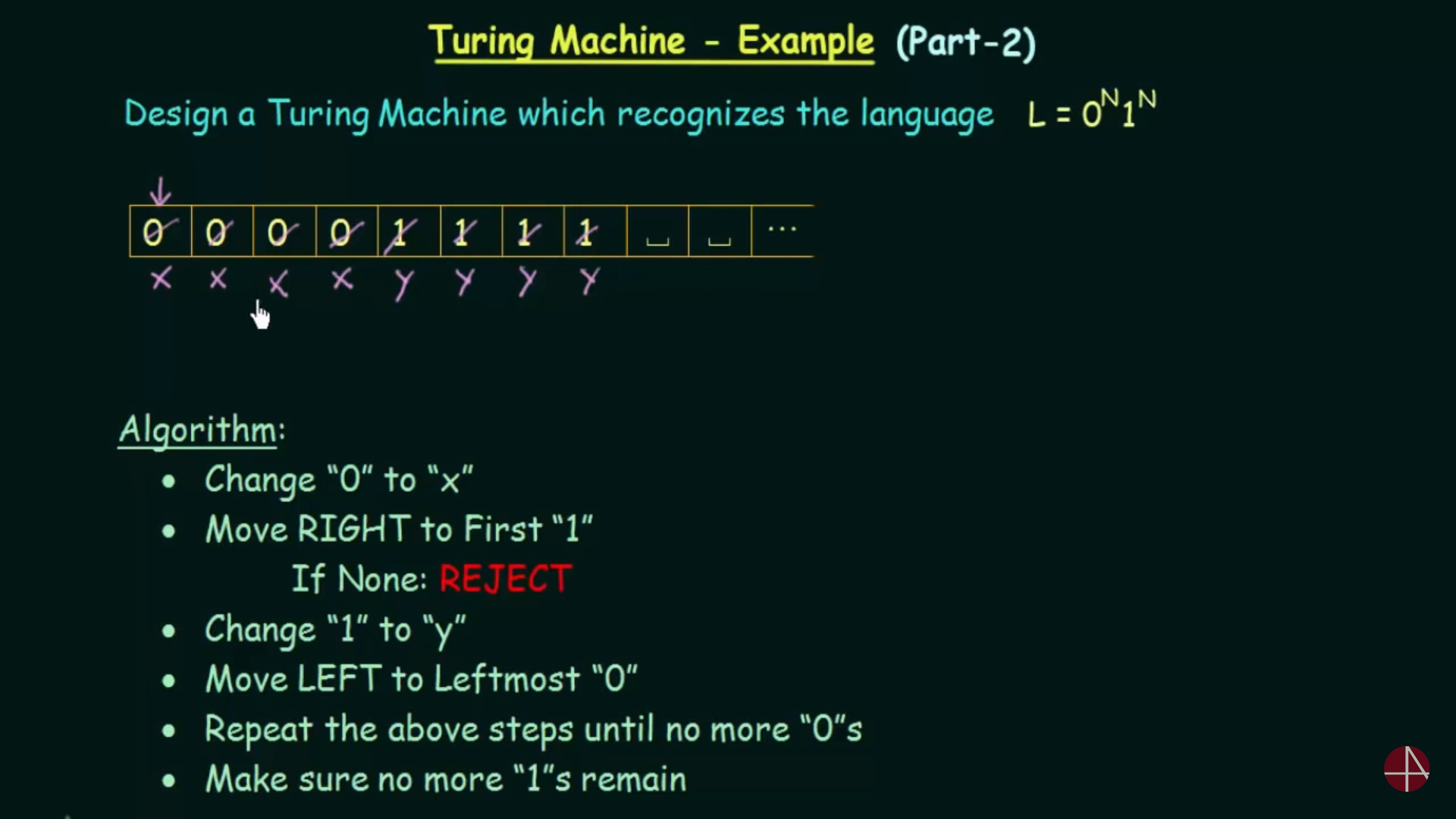


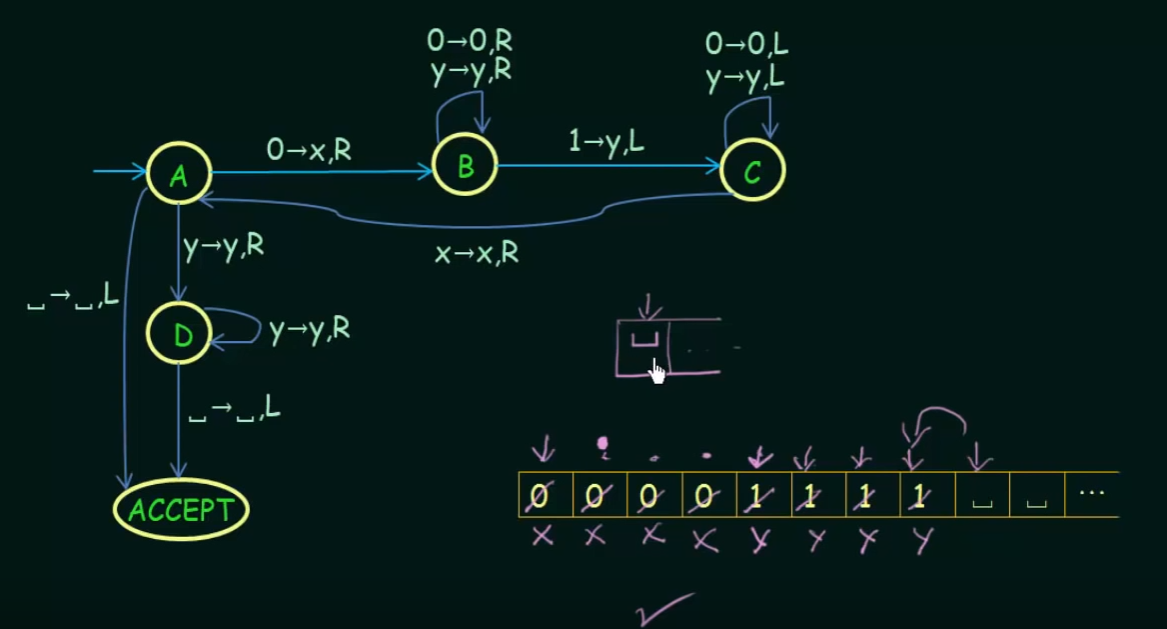
Read the input symbol **a** and write into the tape as **Y** and move to the **right.**



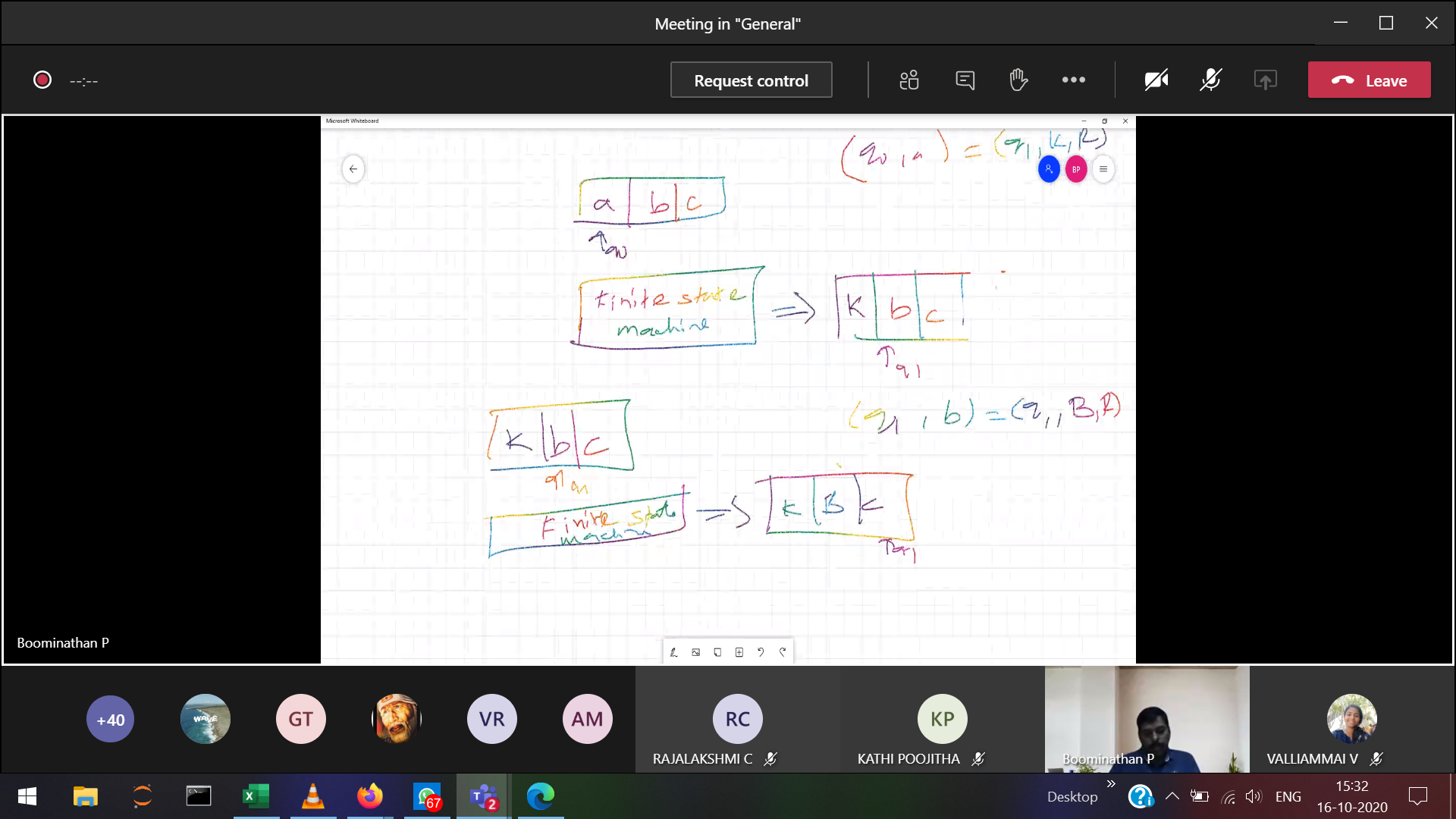
If I have a problem and I designed an algorithm to solve that particular problem, then definitely an Turing machine can also be designed to solve that problem.

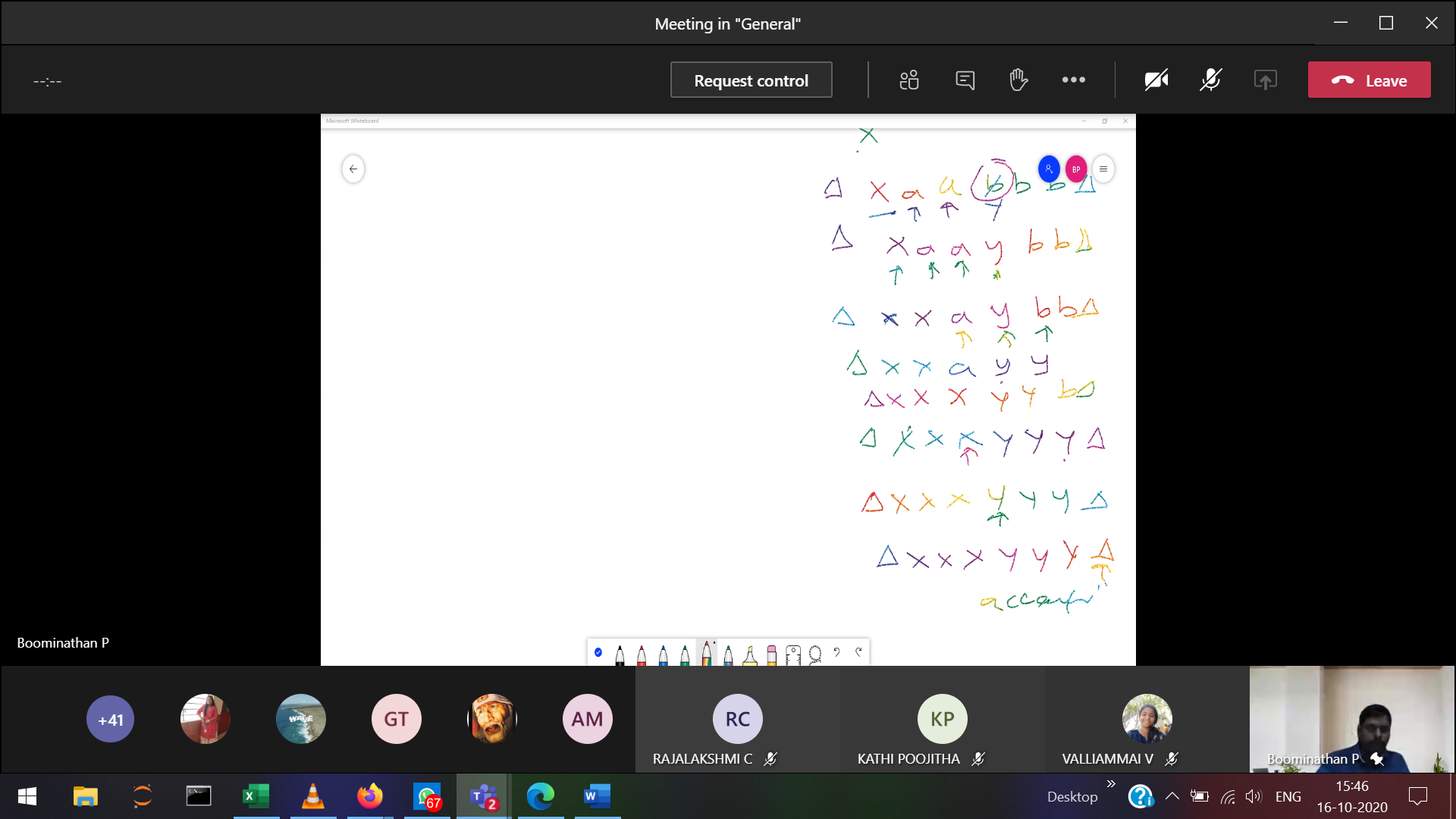


  
found 1 extra 0 (i.e 5th 0, change to x and search for 1. If that 1 is not present then reject. There-fore **n(0)!=n(1)**



Design a Turing Machine that accepts the   
L={a\*}  
L = {a^+}  
L = {a^n b^n | n>=1 }  
L = {a^n b^n c^n | n>=1 }





Instantaneous Description