

Name: Soham Bhoir

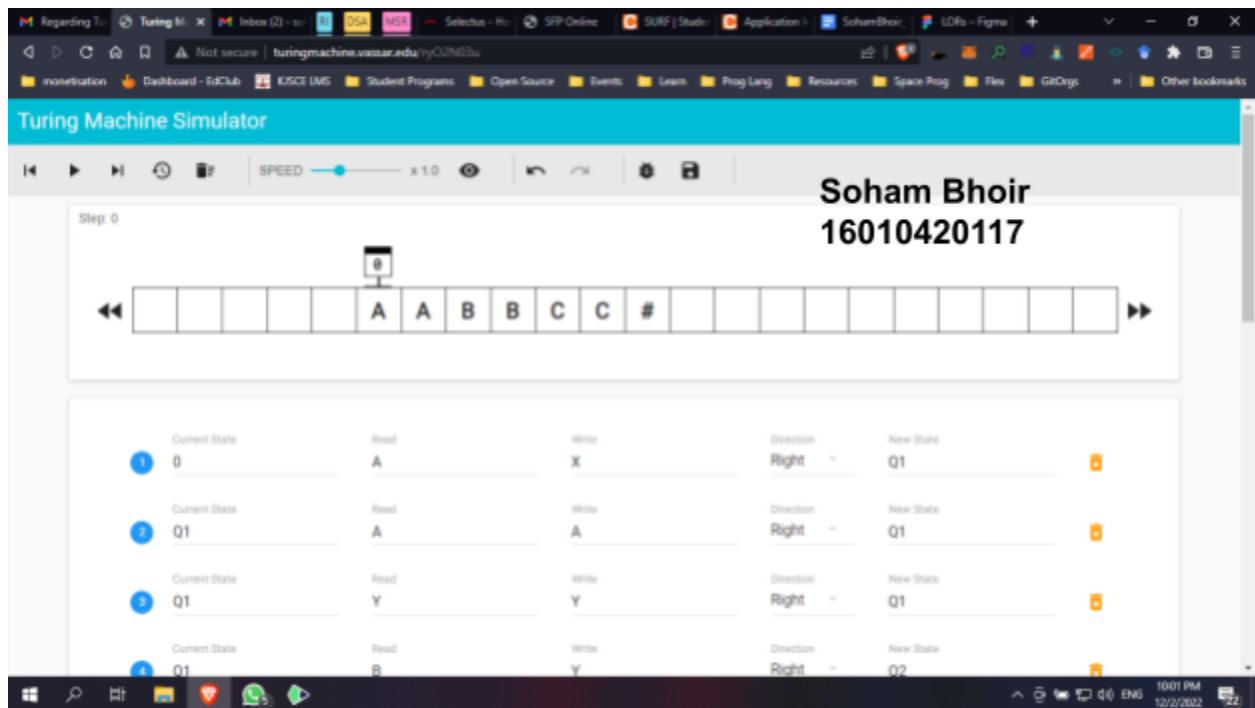
Roll No.: 16010420117

Class: B/B2

TOC TUT 8 (II)

Designing a Turing Machine For the language $A^n B^n C^n$ where $n \geq 0$

Link for the Turing machine is: <http://turingmachine.vassar.edu/HbGAwWPi>



Regding Tut Turing Mail x Inbox (2) - sohu DSA WCA Selectus - Home SP Online SURF | Student Application Info SohamBhoir_30

Not secure | turingmachine.vassar.edu/tyO2N03u

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	Current State	Read	Write	Direction	New State
10	Q3	Y	Y	Left	Q3
11	Q3	B	B	Left	Q3
12	Q3	X	X	Right	0
13	0	Y	Y	Right	Q4
14	Q4	Z	Z	Right	Q4
15	Q4	Y	Y	Right	Q4
16	Q4	#	#	Left	HALT

ADD RULE

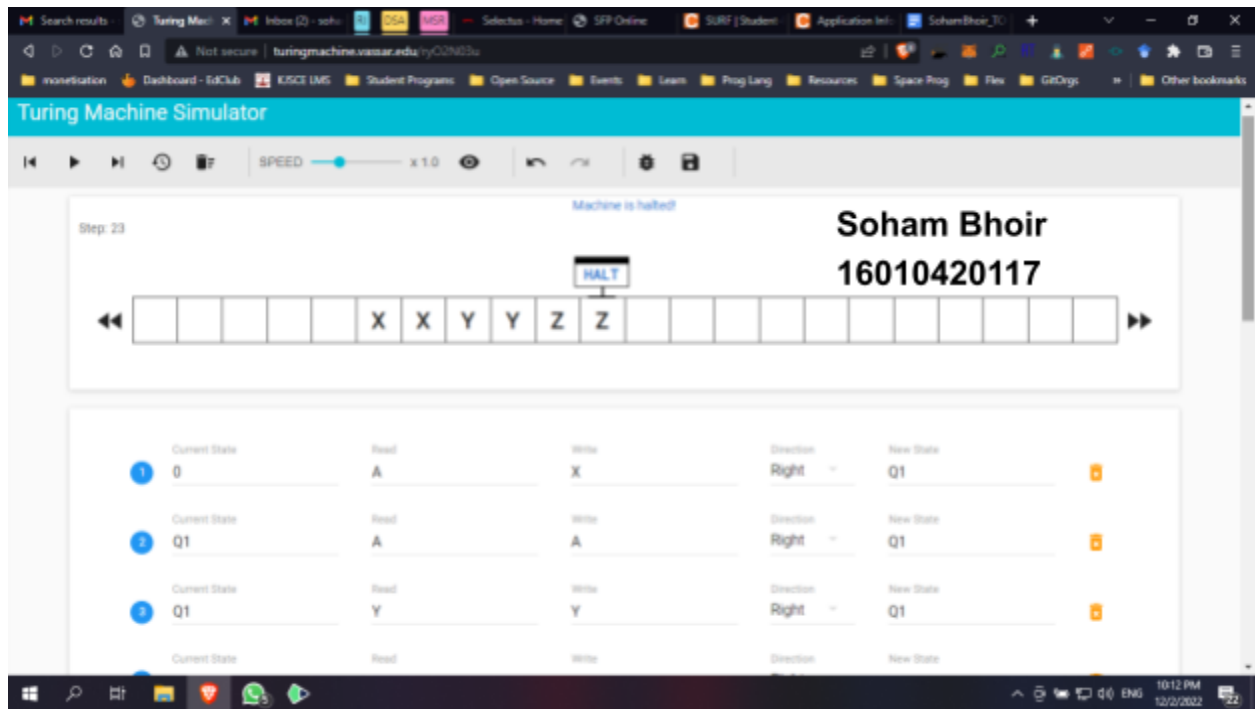
Soham Bhoir
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10:04 PM 12/2/2022

Testing:

For $n = 2$

Therefore: $L = \{ AABBBCC \}$



Now testing for a wrong string
That is AAABBCCC

