

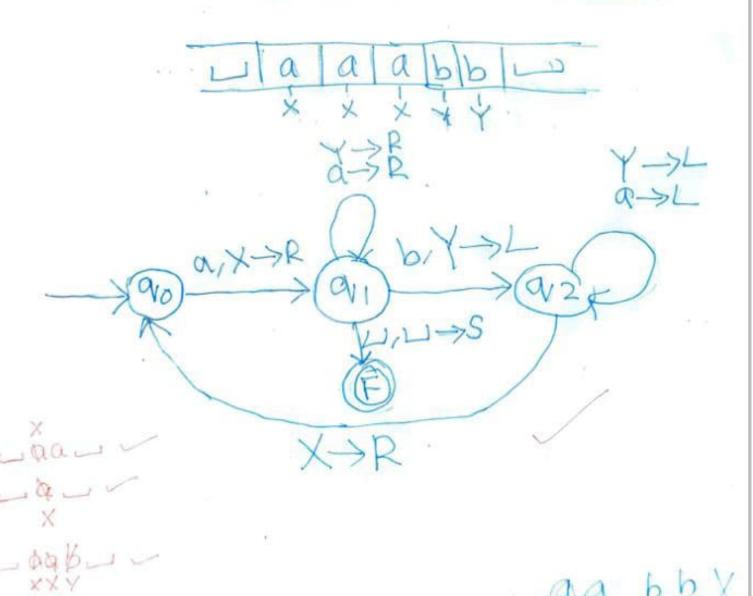
## National University of Computer and Emerging Sciences, Lahore Campus

Seal Silve	Course:	Theory of Automata	Course Code:	CS-3002
TI CII B	Program:	BS (Computer Science)	Semester:	Spring 2024
Salar Salar	Duration:	~20 Minutes	Total Marks:	10
	Paper Date: Section:	6 <b>£</b> C	Weight Page(s):	1
	Exam:	Quiz 4	Roll No.	21L-+605

Q1: Design a Single Tape Turing Machine for the following language Mustaqim Afzal

$$L = \{a^i b^j \mid i > j\}$$

aaabb



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	Program:  Duration:  Paper Date: Section:	Program: BS (Computer Science)  Duration: ~20 Mir.utes  Paper Date: Section: 6C	Program: BS (Computer Science)  Code: Semester:  Duration: ~20 Mir.utes  Paper Date: Section: 6C Page(s):

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