Quiz No.03



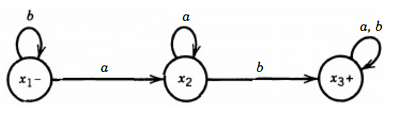
Theory of Automata

Instructor Name: Mr. Tahir Iqbal Program: BSCS 4A/4B (Fall-2023)

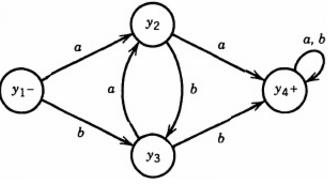
*Question No.1*

**Given two finite automata FA1 and FA2 accepting the respective languages L1 and L2**

**FA1**

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**FA2**

****

**Construct the following finite automaton**

1. FA1+FA2
2. FA1FA2
3. (FA1)\*

**Good Luck**