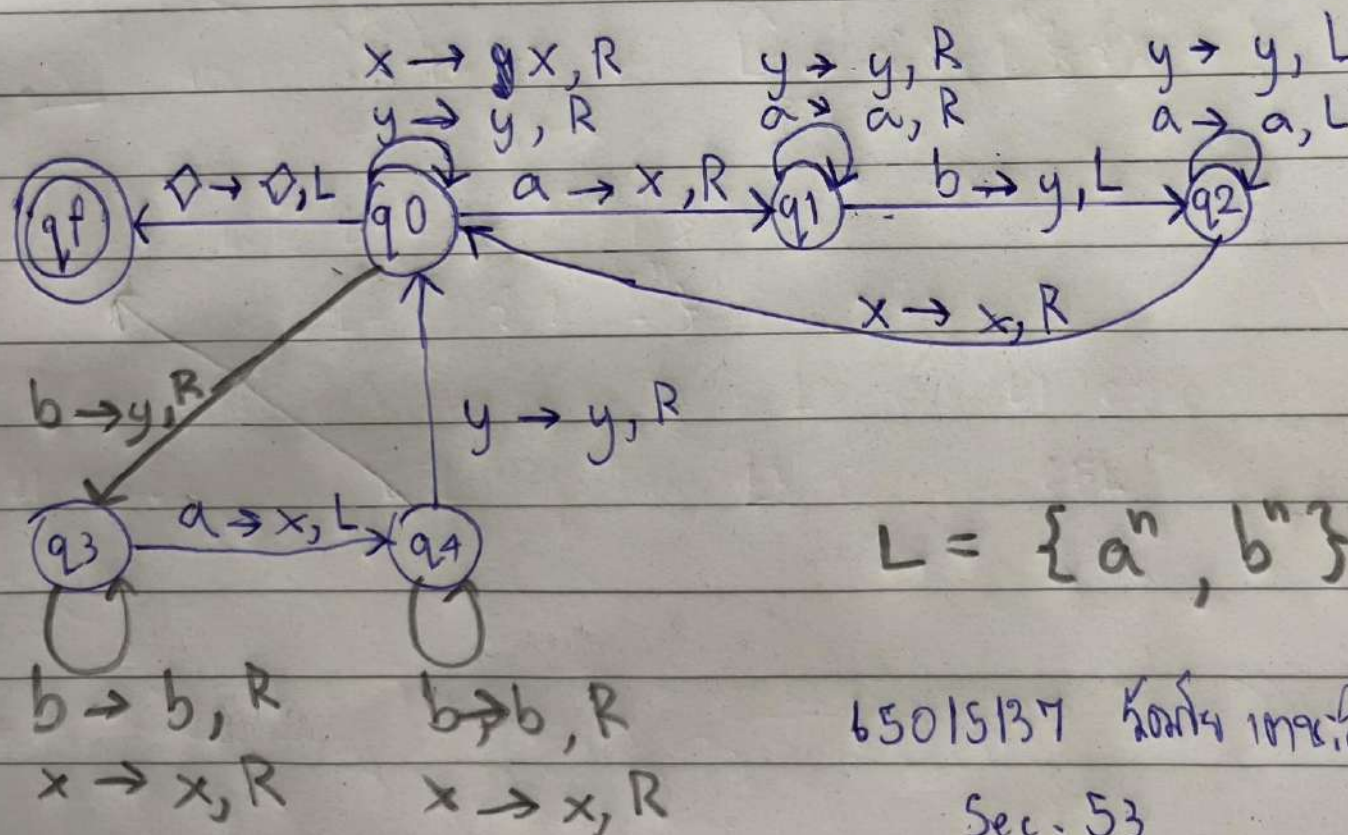


# Homework 10 (Turing Machine)

\* 1. Find the language of Turing Machine M.

$$M = (\underbrace{\{q_0, q_1, q_2, q_3, q_4, q_f\}}_Q, \underbrace{\{a, b\}}_\Sigma, \underbrace{\{a, b, x, y, \square\}}_\Gamma, \underbrace{\delta}_{\delta}, \underbrace{q_0}_{q_0}, \underbrace{\square}_{\square}, \underbrace{\{q_f\}}_F)$$



$$L = \{a^n, b^n\}?$$

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