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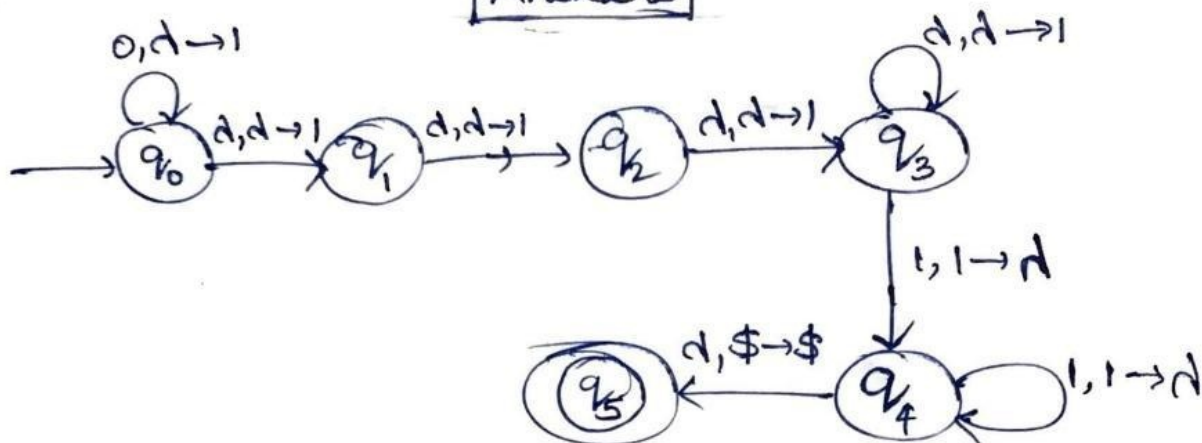
CS303 Tutorial 6

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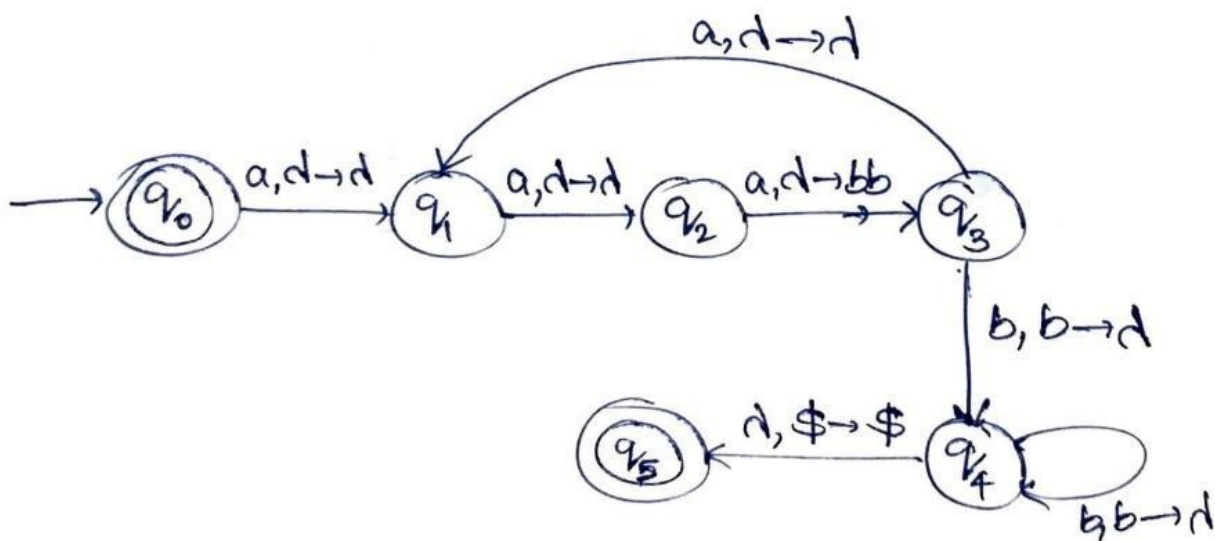
Answers

1.



Language accepted is $L = \{0^n 1^m \mid n \geq 1, m \geq 1, m > n+2\}$

2.



Language accepted is $L = \{a^{3n}, b^{2n} : n = 0, 1, 2, \dots\}$

3.

$L = \{a^{2n} : n \geq 0\}$ falls into category ci)

L can be expressed as regular expression $(aa)^*$.

Hence, L is regular