

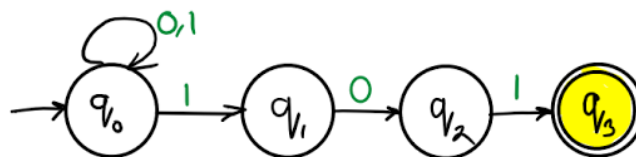
RGPV 2006

Q. Give DFA accepting the language over alphabet $\{0,1\}$ such that all strings of 0 and 1 ending in 101.

Ans. Some example strings = $\{101, 10101, 01101, 00101, 11101, 1101\}$

Regular expression = $(0+1)^*101$

Minimum number of states required = 4



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