

# Formal Languages and Automata: NFA Practice Problems

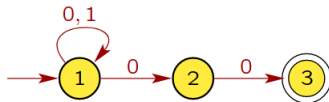
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1. The language  $\{w \in \Sigma^* \mid w \text{ ends with } 00\}$ .

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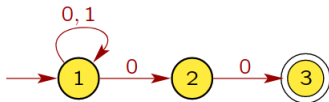


2. The language  $\{w \in \Sigma^* \mid w \text{ contains the substring } 0101 \}$  with 5 states.

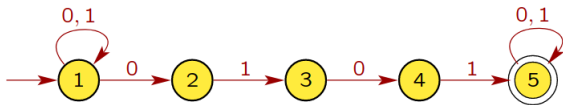
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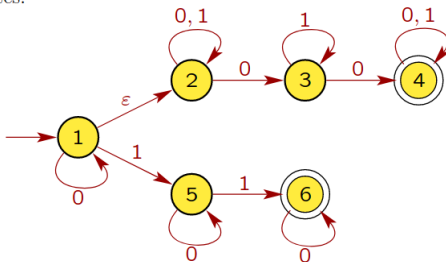
2. The language  $\{w \in \Sigma^* \mid w \text{ contains the substring } 0101\}$  with 5 states.



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UCS.



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