

Rancangan FA dan CFG

Kelompok :

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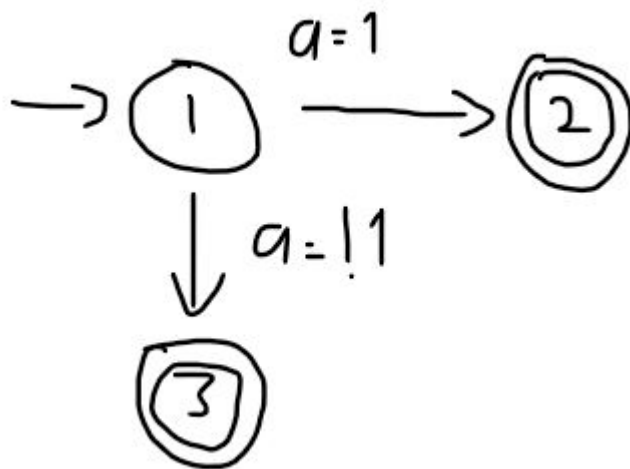
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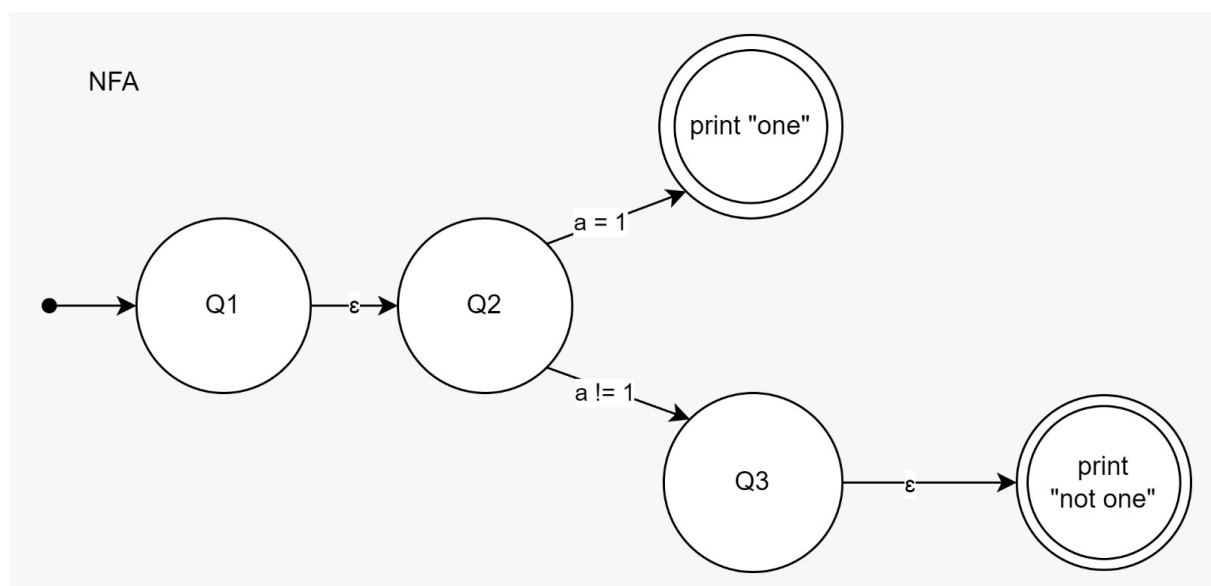
Source code (Online Interaktif):

<https://colab.research.google.com/drive/1RwidjFpc6ISVTFGiyeo9WG7ZpA2R8yRF?usp=sharing#scrollTo=DD5B9nV6dabm>

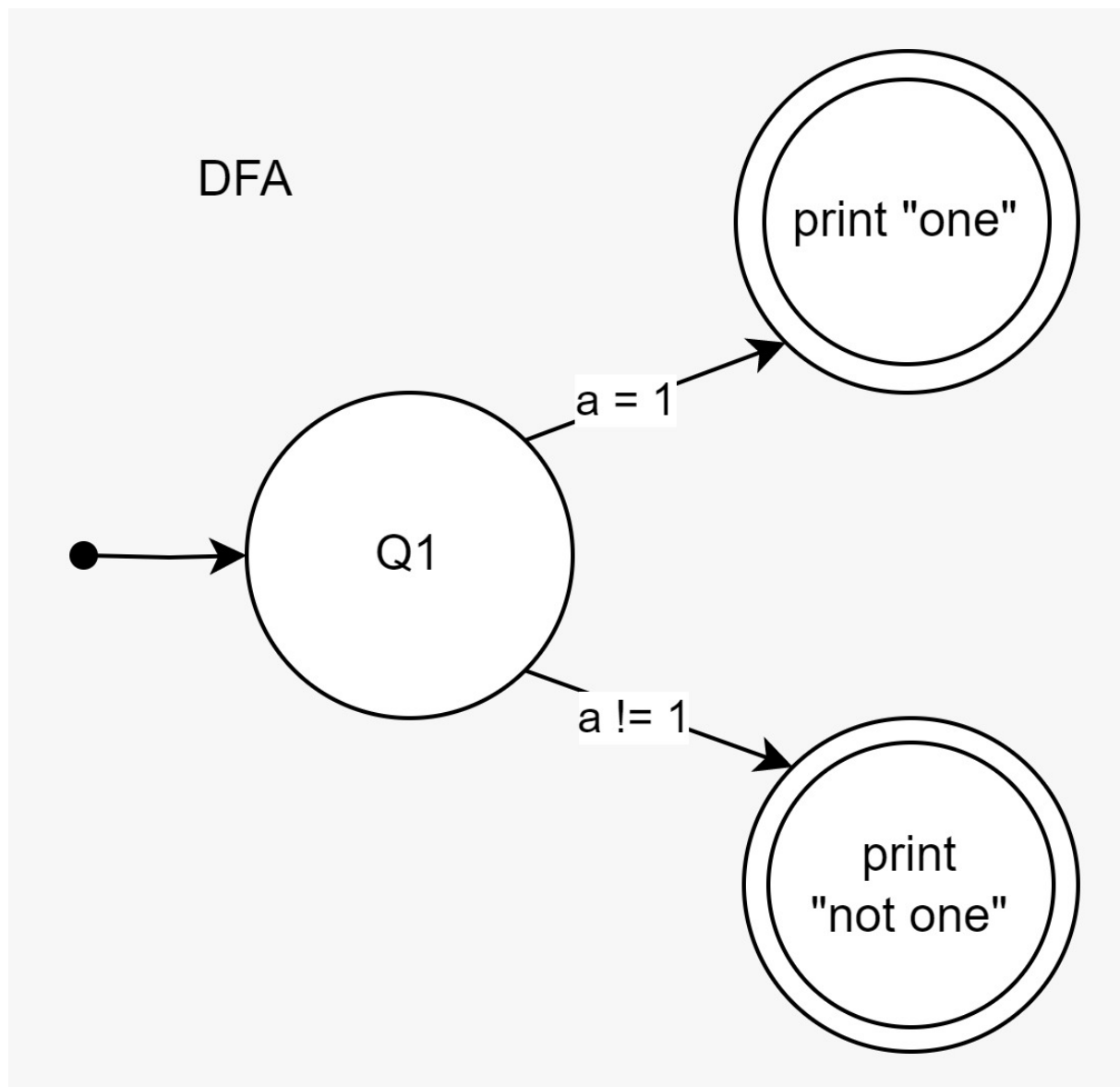
FA:



NFA :



DFA:



CFG :

$S \rightarrow \text{IF_STMT}$

$\text{IF_STMT} \rightarrow \text{IF_COND} \text{"print(\"one\")"} \mid \text{IF_COND} \text{"print(\"not one\")"}$

$\text{IF_COND} \rightarrow \text{"if" VAR_EQ_ONE}$

$\text{VAR_EQ_ONE} \rightarrow \text{VAR} \text{"==" "1"}$

VAR -> "a"