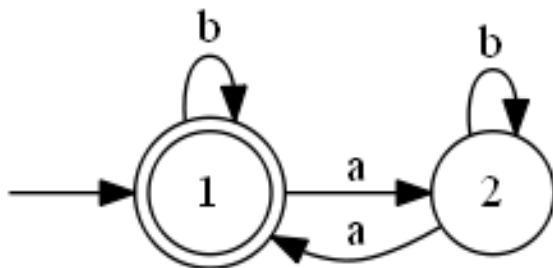


INTERSECTION OF TWO AUTOMATONS

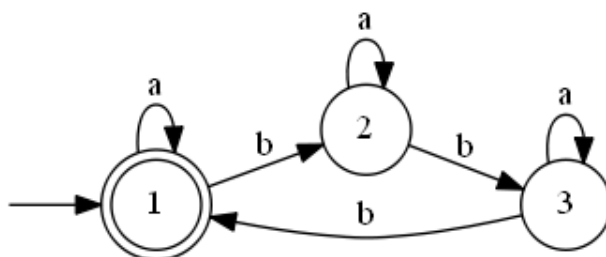
Auto-generated in Python with FPDF and Graphviz

Given automaton:

Automaton L1:



Automaton L2:



Solution steps:

Resulting automaton's states are:

$\langle 1,1 \rangle$, $\langle 1,2 \rangle$, $\langle 1,3 \rangle$, $\langle 2,1 \rangle$, $\langle 2,2 \rangle$, $\langle 2,3 \rangle$

Terminal states are:

$\langle 1,1 \rangle$

Result $L1 \wedge L2 = L3$:

