

**Exercise 1<sub>1</sub>**: Minimum DFA for  $\{w \in \{a, b\}^* \mid |w|_a \in \dot{2}\}$ 

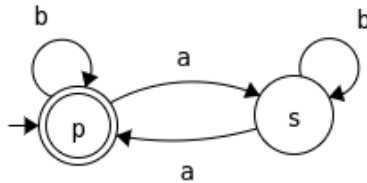
Describe the minimum DFA that recognizes the language of the words over  $\{a, b\}$  which have an even number of  $a$ 's.

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**Date:** 2025-02-12 16:12:23

**Verdict:** **accepted**

Correct automaton.



Fullscreen

Switch to text editor

Usage:

- **Add a state:** double-click on background.
- **Add a transition:** shift-drag from a state to a state.
- **Make a starting state:** shift-drag from background to a state.
- **Make an accepting state:** double-click on a state.

Automaton encoded in text:

```

a b
p s p +
s p s

```

Submit

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