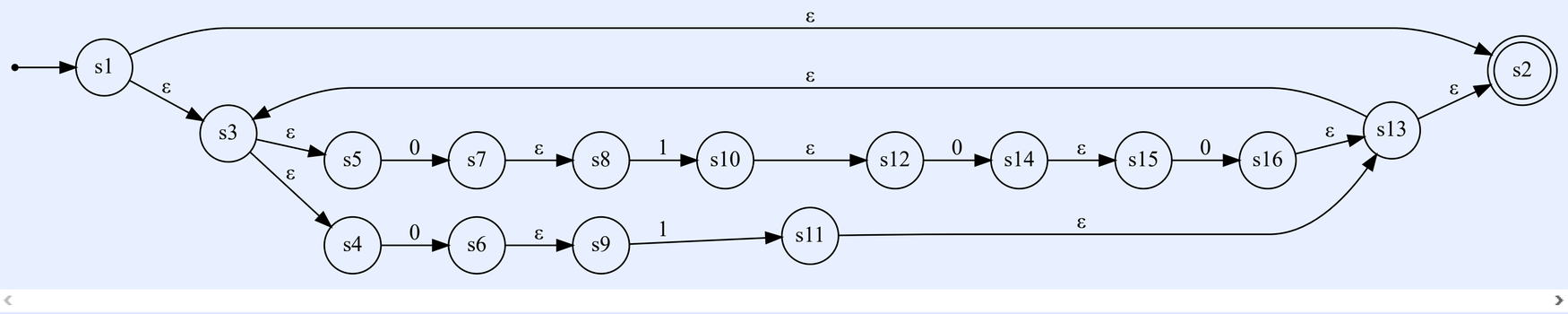
# 3. Compulsory problem set: Non-deterministic finite automata

« 3.2 Designing an NFA for a language Course overview 4. Compulsory problem set: Regular expressions »

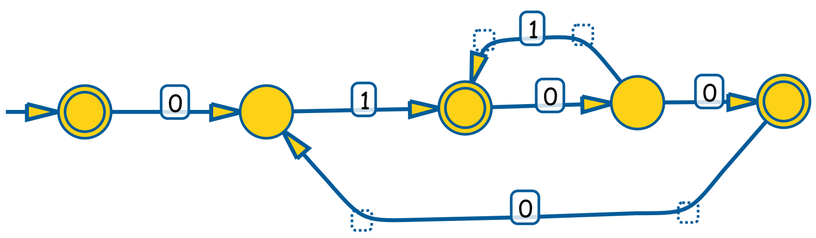
Exercise description My submissions **4 / 50**

## Determinisation

Consider the following automaton




Design a *deterministic* finite automaton (DFA) that recognises the same language.




Reset Deterministic: yes

- Click on the canvas to add new states.
- You can also move existing states by dragging them.
- Click on transition labels to edit them.

Submit!

Earned points

**1** / 1

## Exercise info

**Exercise category**
Compulsory exercises

**Your submissions**
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**Points required to pass**
1

**Deadline**
Sat, 31 Dec 2022 23:59:00 +0200

**Total number of submitters**
157

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**Previous activity**
◄ 2. Compulsory problem set: Deterministic finite automata

**Next activity**
4. Compulsory problem set: Regular expressions ►