CS-C2160 - Theory of Computation, Lecture, 11.1.2022-11.4.2022

This course space end date is set to 16.12.2022 **Search Courses: CS-C2160**

3. Compulsory problem set: Non-deterministic finite automata

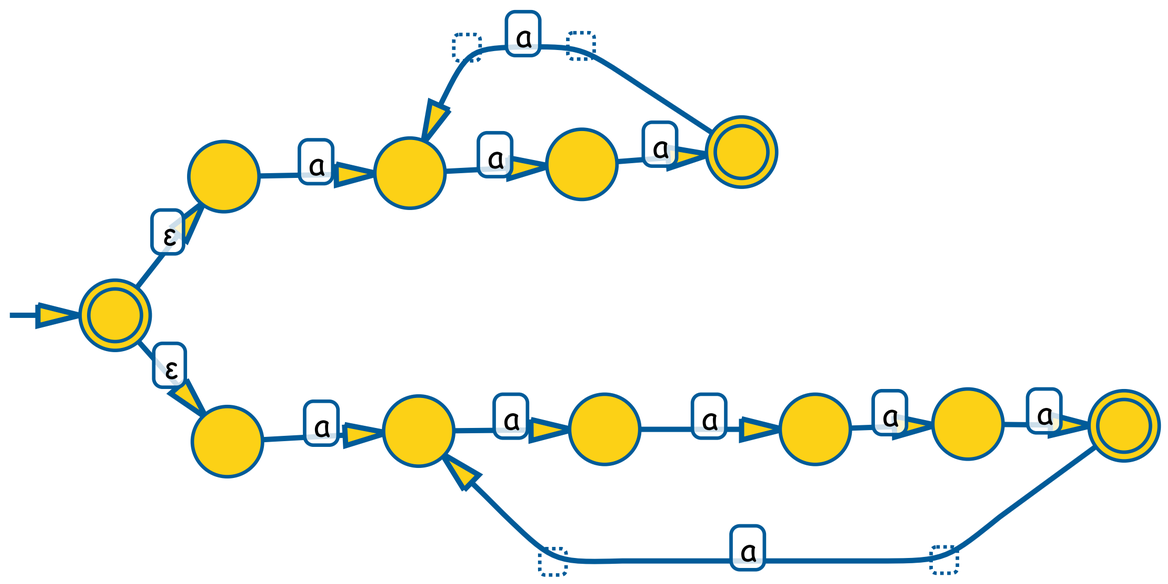
« 2. Compulsory problem set: Deterministic finite automata Course overview 3.2 Designing an NFA for a language »

Exercise description My submissions **1 / 50**

Designing an NFA for a language

Consider the language $L = \{w \in \{a\}* \mid \text{the length of of } w \text{ is a multiple of } 3 \text{ or } 5 \text{ (or both)}\}$.

Design a non-deterministic finite automaton (NFA) that recognises the language. ε-transitions are allowed.



Reset Deterministic: no

- 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!

« 2. Compulsory problem set: Deterministic finite automata Course overview 3.2 Designing an NFA for a language »

Earned points

1 / 1

Exercise info

Exercise category
Compulsory exercises

Your submissions
1 / 50

Points required to pass
1

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

Total number of submitters
161

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

Next activity
4. Compulsory problem set: Regular expressions ►