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**

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3. Compulsory problem set: Non-deterministic finite automata

Exercise description   My submissions **2 / 50** ⌄

Earned points

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Designing an NFA for a language

Consider the language $L = \{w \in \{0,1\}* \mid w$ contains the substring 1010 or 0101 (or both)$\}$.

Design a non-deterministic finite automaton (NFA) that recognises the language. ε-transitions are allowed.
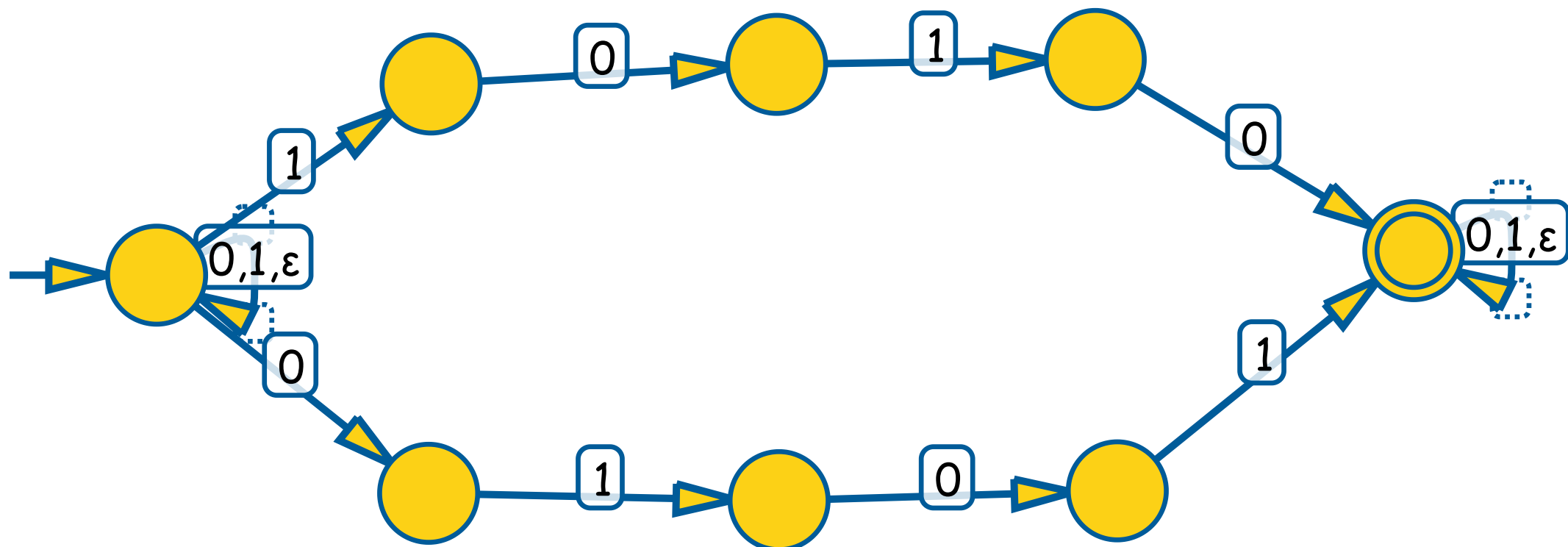
Reset   Deterministic: no

- 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!

Exercise info

Exercise category
Compulsory exercises

Your submissions
2 / 50

Points required to pass
1

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

Total number of submitters
159

Previous activity

◄ 2. Compulsory problem set: Deterministic finite automata

Next activity

4. Compulsory problem set: Regular expressions ►

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