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**

2. Compulsory problem set: Deterministic finite automata

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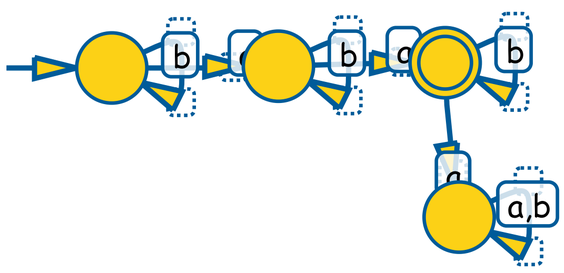
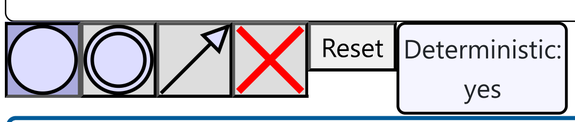
Exercise description My submissions **3 / 50**

Designing a DFA for a language

Consider the language $L = \{w \in \{a, b\}^* \mid w \text{ contains exactly two } a\text{'s}\}$.

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





- 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
3 / 50

Points required to pass
1

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

Total number of submitters
167

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Previous activity
◄ 1. Compulsory problem set: Basics on languages

Next activity
3. Compulsory problem set: Non-deterministic finite automata ►