

2. Compulsory problem set: Deterministic finite automata

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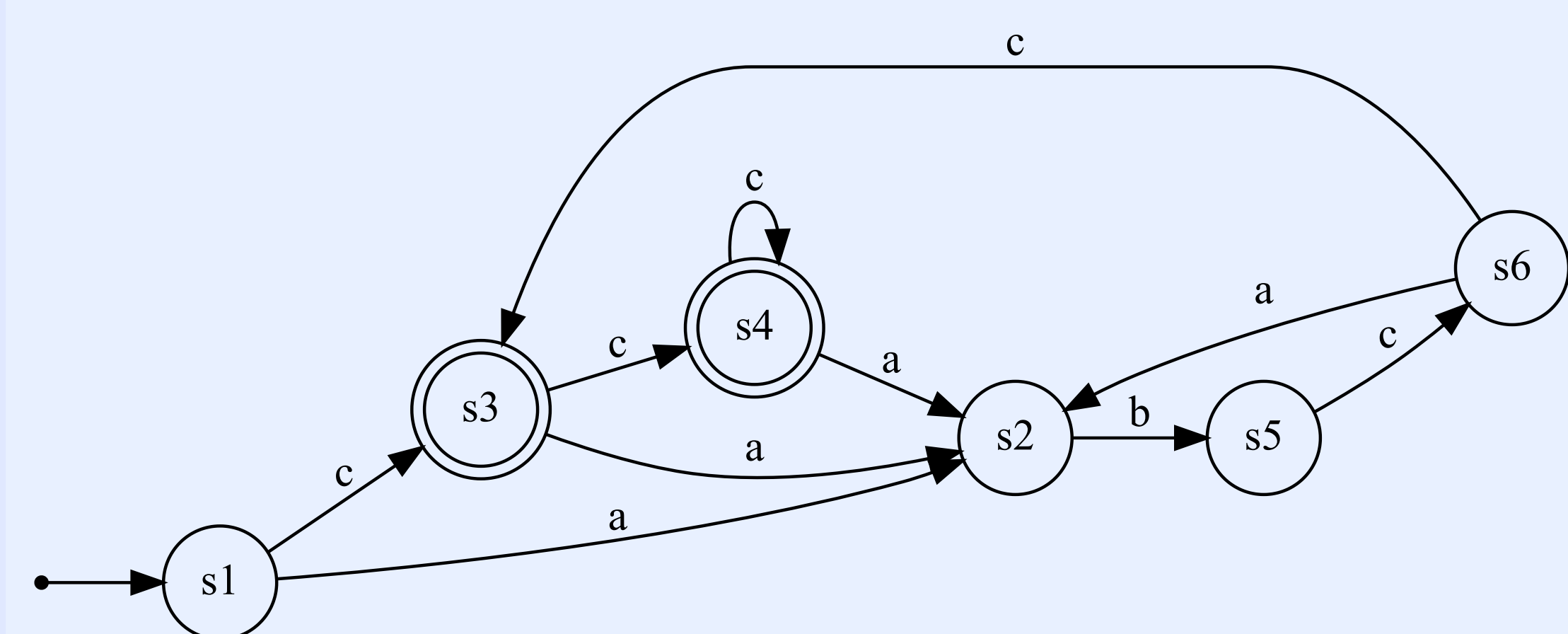
[3. Compulsory problem set: Non-deterministic finite automata](#) »

Exercise description

My submissions **2 / 50** ▼

Minimising a DFA

Consider the following automaton



Design a deterministic finite automaton (DFA) *with a minimal number of states* that recognises the same language.

If your automaton contains any states that have no outgoing transition for some symbol, an additional, non-accepting "sink state" with self-loops will be **added** automatically in the grading phase.

Earned points

1 / 1

Exercise info

Exercise category

Compulsory exercises

Your submissions

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Points required to pass

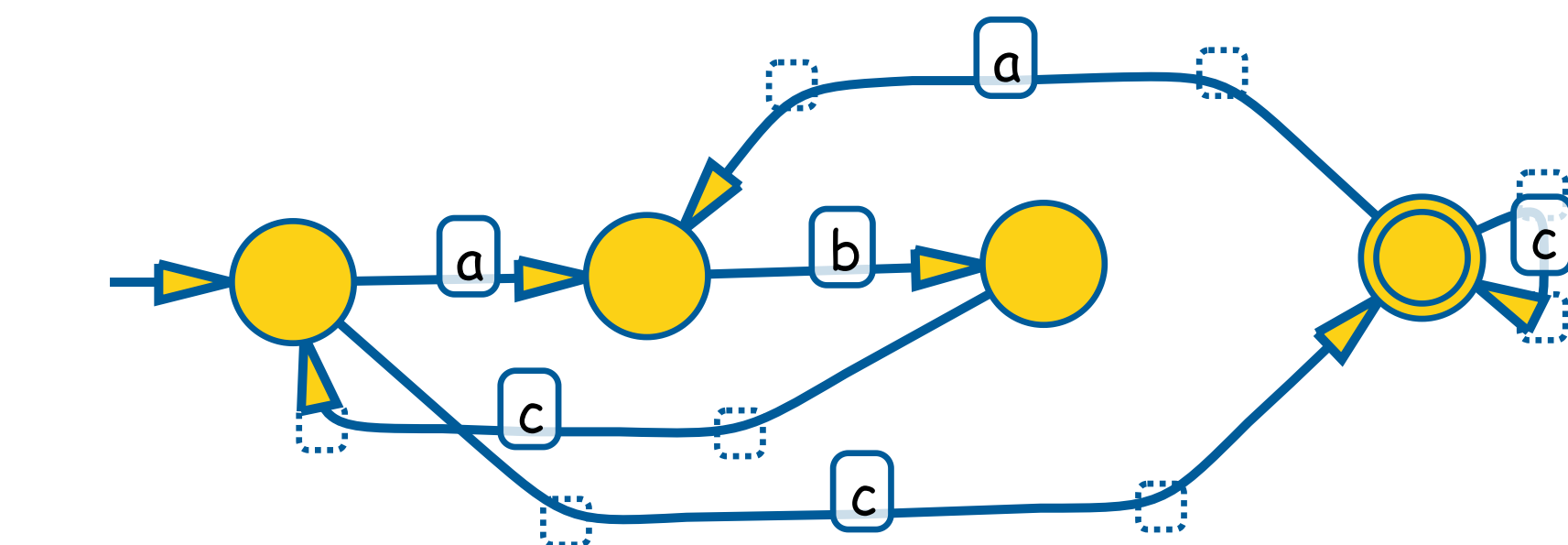
1

Deadline

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

Total number of submitters

163



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!

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