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**

? Astra exercises Forums Resources

Course feedback Syllabus

9. Voluntary problem set: Context-free grammars

These problems are completely **voluntary** (no bonus points given, either) that one may solve, for instance, before the exam to practise the constructions.

« 8. Voluntary problem set: Regular expressions   Course overview   9.2 Grammar for a language »

| Exercise description | My submissions **1 / 50** ⌄ |

Points 1/1

Your task was to give a context-free grammar describing the language $L = \{w \in \{a, b, c\}^* \mid w \text{ is a palindrome}\}$.

Your solution is:

```
S -> aSa | bSb | cSc | a | b | c | _
```

Your solution passed all the tests and is thus probably correct.

Earned points

1 / 1

Exercise info

Exercise category
Voluntary exercises

Your submissions
1 / 50

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

Total number of submitters
15

Submission info

Submitted on
Thu, 10 Feb 2022 15:34:32 +0200

Status
Ready

Grade
1 / 1

Submitters
Nguyen Binh (887799)

« 8. Voluntary problem set: Regular expressions   Course overview   9.2 Grammar for a language »

| **Previous activity** | **Next activity** |
| ◄ 8. Voluntary problem set: Regular expressions | Earlier lecture slides (2021) ► |

Nguyen Binh (Log out)