



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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Course feedback

Syllabus

5. Compulsory problem set: Context-free grammars

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Exercise description

My submissions **2 / 50** ▼

Points 1/1

Your task was to give a context-free grammar describing the language $L = \{w \in \{a, b\}^* \mid w \text{ is of the form } xby, \text{ where } |x| > |y|\}$.

Your solution is:

```
A -> BC
B -> aB | bB | a | b
C -> aCa | aCb | bCa | bCb | b
```

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

Earned points

1 / 1



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
156

Submission info

Submitted on
Wed, 09 Feb 2022 14:29:15 +0200

Status
Ready

Grade
1 / 1

Submitters
Nguyen Binh (887799)

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Previous activity

◀ 4. Compulsory problem set: Regular expressions

Next activity

6. Voluntary problem set: Some small brain teasers ▶



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