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**

1. Compulsory problem set: Basics on languages

« 1.1 Words in a language Course overview 2. Compulsory problem set: Deterministic finite automata »

Exercise description My submissions **1 / 50**

Words in a language

Consider the language $L = \{w \in \{a,b\}^* \mid w \text{ is of the form } a^n b^m y, \text{ where } |y| = n + m\}$.
Give 5 distinct words that belong to the language.

Each word must be of length at most 10.
You can use ε or the underline symbol _ to denote the empty string.

Your answer:

- Word 1: Please enter your solution
- Word 2: Please enter your solution
- Word 3: Please enter your solution
- Word 4: Please enter your solution
- Word 5: Please enter your solution

Please enter your solutions

Submit!

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
169

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Previous activity
◄ Lecture 12. Elements of program verification

Next activity
2. Compulsory problem set: Deterministic finite automata ►