FLCD exam info

30% lab 60% exam 10% seminar → Organization.ppt on moodle

Exam

1.5 hours to 2 hours

Socrates room la ntt data

Subjects

Subject 1 - quiz

- similar to course quiz, 4 question = 0.5 points / each, could be multiple and single answers, all or nothing grading

- Example:

  - regular expressions: consider the regular expression ab^* + bab^*. if ab bb bba corresponds to the expressions

  - operations on languages: union of two languages, concatenation and concatenation of length one

  - accepted sequenced by grammars or finite automata

Subject 2 - transformations Regular Grammar - Finite Automata - Regular Expressions

2 points for the subject, each transformation one point

advice: fa from rg is trivial. but when constructing the regular expressions, don't just write the result, provide the steps for partial grading. the indian tutorials are usually wrong (missing cases in constructing regular expressions)

Subject 3 - construct a push-down automata

1 point

Subject 4 - parsing

2 points

- descending recursive

- LL(1) - first, follow, construct table, parse sequence

- LR(0), SLR - construct canonical collection, construct table, parse sequence

- LR(1) REMOVED BECAUSE IT HAS NOT BEEN DONE AT THE SEMINAR

All steps need to be provided. You may skip steps if they are repetitive (can skip for example after 2 similar steps).

Subject 5 - attribute grammar, intermediary code

2 points

You should construct the grammar for example arithmetical expressions and attribute grammar on how to evaluate the expressions

For intermediary code, you are given a code with statements and you are asked to construct the free address code (????) in triplets or whatever

After the exam

Subjects usually graded the same day

At the end of the exam, they'll announce when they are available feedback (see paper, grade and have a second chance)

4.5 minimum passing grade

Second chance (extra problem to solve):

- for students that are between 4 and 4.5

- for better grades overall

Based on the lab and seminar activity you can also boost you grade.