

TDT4205 Compiler Construction

Assignment 1

Guidelines

Note : Some of the guidelines apply to all the exercises

1 Linux Virtual Machine

All this should be done on a linux machine to ease things. If not, download a virtual machine from OSBOXES.ORG and then you can use with either VMWARE or VIRTUALBOX

2 Expected Report Format

Have a zip/other compressed file.

Zipfile Name should be TDT4205_*yourusername*

Inside that there should be a folder named TDT4205_*yourusername*.

Inside that there should be the programming solution, and the report.

3 Instructions for the solution

Write the regular expression inside the file "ex1.1.py".

Run the python code in the command line as "python ex1.1.py" and you should get two text files (rhymes_per_verse and aliens).

Implement the scanner in scanner.c and run make in the command line. The Feed the input from aliens.txt as shown below.

Ex: ./pencil <aliens.txt >mystery.ps ; ghostscript mystery.ps

4 General Instructions for the grading

5 exercises this time: PS1 - PS5

PS1 - PS3 : Will not be graded, but will be necessary to sit for the exam (If you do not do these they might cause problems for doing the exercises which are graded since they are built upon each other)

PS4 - PS5 : Will be graded, and are necessary to sit for the exam.

Deadline is quite strict unless some emergency happens

Total points for all the exercises is 20% of the final course grade.