

Advanced Computer Lab, Spring term 2017  
Task 4

In this task you are required to implement left recursion elimination as discussed in the lecture. Your implementation should include both elimination of immediate left recursion and indirect recursion. In the input files you can assume that the rule will be divided on two lines, where the first line contains the head of the rule and the second one contains the body of the rule. The epsilon symbol will be defined using the ! character.

You will find several input and output files on the met website that you will need during the task for testing.

**Please Note that:**

- Your deadline is by the end of your lab session.
- **No late** submissions will be accepted.
- Cheating cases will be graded by 0.
- It is your responsibility to make sure that the files were uploaded successfully to the website.