

Language and Speech Processing
Winter 2006
Homework Submission Guidelines

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- Your homework assignments should be submitted no later than 11am on the day of the deadline if assigned for a weekday. For those assignments that are assigned for a weekend date you can submit your work as late as Sunday 11pm. Late submissions will be penalized.
- Email your work to `rtsarfata@science.uva.nl`. Put all your files in a single (g)zip archive. State clearly 'L&SP HW #' in the subject line to avoid deletion by mail filters.
- The written assignments and project reports should be submitted as a PDF file or an MS-word document.
- The first homework assignment (basics of Probability Theory) should be submitted individually. The rest of the assignments and the project reports should be submitted in pairs.
- You can ask me questions about the homework during my office hours (on the blackboard), or make an appointment to discuss specific issues. Email questions are not guaranteed to be answered on time.
- The theoretical part of your homework should contain a sufficient amount of theoretical preliminaries, formal modeling and derivations of your formulas.
- The program(s) you implement should be well documented and correspond to the formulas and pseudo code in your theoretical modeling. The design of your program should be modular enough to ensure readability of the code and to allow for re-usability in later tasks.
- The data for the programming assignments are provided by the lecturer and are available on the course website.
- You are required to write a report for each of the programming assignments that correspond to the different steps in your midterm/final project imple-

mentation. Length requirements will be published on the website and will be strictly observed. The structure of each of the reports is as follows:

Title subject, author(s), student number(s)

Introduction the goal of the assignment, the research question addressed, formal preliminaries, and formal modeling.

Implementation describe how you implement the models you formulated in the introduction. State clearly where additional assumptions are employed (e.g. independence assumptions). Provide pseudo code where appropriate.

Experimental setup describe the preparation of the data, experiments you have conducted, and any additional pre- or post- processing steps required.

Results and Analysis describe, evaluate and analyze your results. Support with tables and figures whenever appropriate.

Discussion and Conclusion formulate answers to the research question(s) and address specific theoretical or practical issues that came up during your work. (You may suggest directions for further research where applicable.)

References cite your resources.

- Make sure that you submit, together with your report, the source code, executables and *all* output files produced by your program (not including temporary files and log files). Maintain a coherent directory structure and sensible file names.
- Make sure that your report addresses all parts of the task as they appear on the website and includes all required materials as specified here.
- Your work will be judged based on the quality of the report, clarity and modularity of the code, correctness of the implementation, and the compatibility of your results with the expected output.

Good luck !!!

If you have further questions do not hesitate to contact me
rtsarfat@science.uva.nl.