

Instructions for submitting home assignments

The home assignment reports shall follow good scientific reporting practice. In general, one should pay attention to the following points:

- The report is written in correct and standard language. The presentation is concise, but not at the cost of clarity.
- The structure of the report is clear and appropriate, for example as sketched below.
- The problem considered is described in appropriate detail.
- All choices made are justified, experiments can be repeated with the information given in the report, the results obtained and answers to the questions in the problem statement are clearly indicated. The quality and correctness of the results has been evaluated.

On this course we also require that

- The source code of any programs designed for solving the problem is submitted as an attachment.
- The description of the solution method must be understandable without examining the source code.

As a rough indication of the length of the report, three or even four pages is usually too short unless the writing style of the student is exceptionally concise and precise. More than ten pages should not normally be necessary.

The TML laboratory has some instructions for writing essays that may be useful at <http://www.tml.tkk.fi/Studies/Guides/essay.html>.

In grading the home assignment the correctness, appropriateness, clarity and efficiency of the solution are most important, but severe deficiencies the presentation can be a reason to return the assignment to be corrected.

Structure of the submission

The reports are submitted by e-mail as two PDF files:

1. the report in PDF, not including any source code (see below for details)
 - since the reports will be distributed to other students on the course, do not include your student number in the report
2. the source code (if any) as one PDF file
 - Please include your name and student number here.

Note that the source code is not distributed to the peer reviewers, so the report must be understandable without the source code.

The report

Identification

Title of the report; name, *no student number*, and e-mail address of author.

1. Introduction

In the introduction the problem is presented and the chosen approach is described briefly.

2. Methods

In this section the approach chosen for solving the problem is described. For example the algorithms used must be described so that they can be understood without studying the source code.

3. Experimental results

Here the experimental arrangements are described in sufficient detail so that the reader could repeat them. The results are presented in an appropriate manner, for example in a table or as a graph. It is worthwhile to make sure that the results are clearly presented.

4. Analysing the results and conclusions

The significance of the results are considered. Did the method chosen prove useful and efficient, was there something surprising about the results? Possible problems should be investigated and possible ways of getting even better results should be considered.

5. Bibliography

Citations to reference materials.

Appendices

As appendices one can add material that does not really fit in the report, such as run listings of programs, if that seems appropriate.

LaTeX templates

On the WWW page of the course there are LaTeX templates that can be used.

When using the LaTeX template, you may compile your documents with the command (tested in the computers of the computing centre) `latex comb.tex` and further `dvipdfm -o desired_filename.pdf comb.dvi`.

Submission instructions

E-mail your submission to the teaching assistant (Petri Savola, `pjsavola@tcs.hut.fi`) as an e-mail with *two* PDF files that contain your report.