Advanced Programming 2023/2024: Homework assignment rules

Programs

- (M.Sc.) Data Science and Artificial Intelligence @ UniTS
- (M.Sc.) Scientific and Data Intensive Computing @ UniTS
- (M.Sc.) Mathematics @ UniTS
- (Ph.D.) Mathematical Analysis, Modelling, and Applications @ SISSA

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Tutor: Dr. Marco Feder <mfeder@sissa.it>

Purpose: The homework assignments in the "Advanced Programming" course are designed to reinforce your understanding of advanced programming concepts and provide practical experience in solving complex programming problems. These assignments are **not** mandatory but are encouraged as valuable learning opportunities.

Submission guidelines

1. **Deadline**: All homework assignments must be submitted by the specified deadline. Late submissions may not be accepted, and late penalties may apply. Requests for deadline extensions should be made in advance and only under exceptional circumstances.

2. **Groups**: You have the option to work in **groups of up to 3 members**. If you choose to work in a group, the submission should clearly list **all** group members, their email addresses and a short list of individual contributions. Each group should submit **one** assignment collectively.

3. **Format**: Submit your assignments on the Google Classroom platform. Attach a single .tar or .zip archive named "AssignmentX_Surname(s).xyz".
   NB: Do not upload or include generated files such as executables, object files, or libraries. **Only** submit the source code and provide clear instructions for compilation or, preferably, include a **build script**.

4. **Code**: Carefully read and follow the assignment instructions provided. Include comments and documentation within your code to explain your thought process, algorithms, and any relevant design decisions. Strive for high-quality code that is readable, efficient, and follows best coding practices. Proper indentation, naming conventions, and error handling are essential. Test your code thoroughly to ensure it works as expected.

5. **Plagiarism**: Plagiarism will not be tolerated. Always cite your sources and ensure that your work is entirely your own. Any form of academic dishonesty will result in severe penalties.

Grading and feedback

1. **Grading**: Grading will be based on the correctness of your solutions, code quality, clarity of build instructions, documentation, adherence to instructions, and timeliness of submission. Each assignment will be evaluated ranging **from 0 to 30 points**, which will contribute to your final grade. Missing submissions solution for any assignment will result in a score of 0 points. The average of your assignment scores, divided by 10, will be added to your final exam grade.

2. **Feedback**: Upon request, you will receive feedback on your assignments, including comments on your code and suggestions for improvement.

Miscellaneous

1. **External resources**: You are free to use external resources (books, online documentation, forums) for reference and learning. However, make sure to acknowledge any external sources you consult in your documentation.

2. **Backup**: Maintain backups of your work to prevent data loss.

3. **Questions**: If you have questions or need clarifications about an assignment, contact the instructor or tutor well before the submission deadline.