Dear Students,

Here are the specifications for the final of the Programming I course.

Submit your project ideas as soon as possible by filling the google form below, each group should fill it once. Each group should have 4 students or fewer, but no more.

Projects should not be the same.

Below are rules and regulations regarding your final projects for Programming I.

Your Projects should include the following topics inside:

- Variables
- Loops
- Array or vector or deque
- Function
- Struct

• Filestream will be used for writing your data in a file outside of .cpp and be reused in the .cpp later anywhere in your code.

• Your Projects should fix a real-life problem and has a meaning to code for.

Your system should be able to add, update, delete, show the data of a specific person, item or any registered thing.

**Regulations:** 

All students should know, understand and be able to edit all the codes that have been written.

Students in each group should make a presentation for the project before the final exam.

Students will be asked to edit the code either during a presentation or by having a lab class.

Your marks will be decided by your presentation and your codes.

You may not get any marks if you do not make the presentation.

Before the final presentation, you should submit your code to the instructor.

Your project can be about anything and it should solve a real-life problem.

examples are creating a library, a market, a game, a puzzle program, a banking system and so on.

The project should include all the subjects we have, or will study and should include no other complex codes from outside.

Plagiarism, stealing codes from the internet are condemned and the owner will get no mark for such projects.

Register your projects before 03.12.2021.

Project Presentation is in the week after 1.1.2022.

https://docs.google.com/forms/d/e/1FAIpQLSd8dmL6sjAMigI7i-ITA6micYVAzjGxaIlcSiJ3dSSc9SxeQw/viewform?usp=sf\_link

To see other projects and group names, see registered students here:

https://docs.google.com/spreadsheets/d/1PCp6CLO4E4t6\_0daHL3Pecl\_RMK3jtOXx06Y63F5pxc/edit?usp=sharing