

Projects - Data Structures

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Dear students,

Till now, we have studied major topics in this course. Now it is time for project in which you have to show your skills, you have learned from this course. Project should be executable and as we discussed in class (it should solve some real problem). For completing project, you have to follow instructions mentioned below:

Instructions and marks distribution:

- **Project Demonstration [6 marks]:** You have to demonstrate your project in class/video (recorded video). In this part, you have to present following things:
 - Intro to yourselves [1 mark]
 - Introduction to Project [1 mark]
 - Methodology (algorithm(s) working along with complete code) [4 marks]
- **Question Answer Session [4 marks]:** In this part of project, after demonstrating your project, you will be asked random number of questions from your project.
- **GitHub repository [2 marks]:**
 - Create repository for DS project and write its description and how it'll work.
 - Share youtube link to your video
 - Upload your working project on GitHub with proper and detailed instructions (installing any software, downloading data, commands) to run project.
- **Project Submission [3 marks]:** Submit complete working project along with recorded video on LMS. Your submission should contain following files:
 - **Working project code file(s)**
 - **ReadMe.txt file:**
 - proper project details and instructions to run project
 - share link to video (upload recorded video on youtube as public or unlisted) for project demonstration
 - share github link to project
 - **Executable file (.exe)**
 - Installation file required.

Submission file should be **.zip/.rar** and filename should be **"000-00-0000 Full Name - Project"**.