Computer Programming (C/C++)
MECH0291

Final Project Instructions

Announcment	:	December 30, 2022, 09:00
Report submission deadline	:	January 20, 2023, 09:00
Instructor	:	Dr. Levent Aydinbakar
TA	:	Res. Asst. Ismail Hos

1. This booklet contains 2 pages.

2. Make a research on any subject and write a report considering the grade table instructions below.

3. Find your name in Table 1 and work with your team.

	Instructions	Points
1.	Complexity, originality and difficulty of the subject	10
2.	General structure of the document: title page, ToC, LoF, LoT, references, appendices	10
3.	Usage of Python: working scripts, appropriate modules, functions, loops and conditions	10
4.	Usage of Shell: working scripts, automating multiple commands	10
5.	Usage of Gnuplot: working scripts, professional-looking graphs and matching fonts	10
6.	Usage of Tikz/Pgfplots: vector-graphics and professional-looking sketches and graphs	10
7.	Usage of GitLab: only necessery files, well-organized file/folder structure	10
8.	Usage of LaTeX: working scripts, well-designed minimal Tex files	10
9.	Figures, tables, cross-references: appropriately inserted/drawn images, tables and references	10
10.	Plagiarism: less than 20% similarity	10
11.	Contribution section: brief explanation of contibution of each team members	10
12.	Appendices: all the scripts are explanained (with comments)	10
13.	`run_all.sh`: a shell script compiling all the scripts and informing the user without error	10

4. Team and member information given in Table 1 must be written in the report.

5. Your report must be shorter than 10 pages except the appendices.

6. When you finish your report, upload all the necessary files onto a GitLab repository.

7. Your repository must not contain any unnecessary files, such as, `aux`, `log`, `bbl`, `swp`, etc.

8. Add the user `leventaydinbakar` as a member in your repository.

9. Send the link of the repository to levent.aydinbakar@btu.edu.tr by the deadline.

10. Write "CP Team X Final Project Report" in the subject field. Include the names and IDs of all members.

11. All the members must be included in the carbon copy (CC) field of the email.

12. If you do not get any response as "I got your report" soon, contact with me or TA in another way.

13. The maximum point you can obtain in this exam is 100.

Good luck...

Table 1: Teams and members of each team

Teams	Members	Attendance
Team 1		
Team 2		
Team 3		
Team 4		
Team 5		
Team 6		
Team 7		
Team 8		

Teams	Members	Attendance
Team 9		
Team 10		
Team 11		
Team 12		
Team 13		
Team 14		
Team 15		
Team 16		
Team 17		
Team 18		