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	Alperen Arda Alp	
	Onur Korukcu	
	Enis Mutlu	
	Ismail Varol	
	Suhan Umur Okuducu	
	Celal Akbas	
Team 2	Mevlutcan Eren Durukan	
	Suleyman Arif Ozen	
	Ridvan Demirbas	
	Emirhan Kincioglu	
	Selin Korgavus	
Team 3	Recep Tas	
	Eren Ozkara	
	Berkay Celik	
	Mertcan Aydin	
	Yasin Akgun	
Team 4	Aybuke Cansu	
	Burak Metehan Ozturk	
	Ali Erdem Kayir	
	Sueda Cangul	
	Alperen Burak Aydin	
Team 5	Omer Cetin	
	Esra Dogan	
	Deniz Demir	
	Omer Faruk Arslan	
	Ismet Bilgic	
Team 6	Ibrohim Azizov	
	Washington Nsingo	
	Ahamada Cisse	
	Muzaffer Enes Ayhan	
	Melih Uzun	
Team 7	Tugay Altundas	
	Enes Bilge Kayman	
	Aynur Uzuner	
	Serkan Karabal	
	Nurlana Ahmadova	
Team 8	Omer Cakir	
	Eyup Ugurlu	
	Nurcan Acar	
	Mustafa Goktug Colak	
	Mehmet Huseyin Cetin	

Teams	Members	Attendance
Team 9	Ahmet Karagol	
	Fatih Cimen	
	Sefa Sarikaya	
	Umut Ulupinar	
	Omer Ay	
Team 10	Mustafa Vural Altin	
	Sami Kara	
	Muhammed Yucel	
	Muhammed Karagoz	
	Theodora Raphaelle Aubierge Y Akissi	
Team 11	Fatih Guney	
	Mehmet Tunc	
	Huseyin Celil Ek	
	Salih Arslan	
	Kursat Eren Minen	
Team 12	Muhsin Korkmaz	
	Emir Tarik Koc	
	Tevfik Can Kilic	
	Magdy Mahmoud Hamdalla Ahmed	
Team 13	Mustafa Aslan	
	Suheyb Colakli	
	Mustafa Tayyip Albayrak	
	Serhat Ozkanca	
Team 14	Alihan Erdem	
	Ayse Nur Karadeniz	
	Baris Celepi	
	Berna Bingol	
Team 15	Cihan Ulusam	
	Davut Akca	
	Dursun Alp Mizrak	
	Ebubekir Koroglu	
Team 16	Efe Kilic	
	Emre Bayram Saat	
	Huseyin Batmaz	
	Ismet Saridagli	
Team 17	Murat Aydin	
	Mustafa Karakus	
	Nilsu Maden	
	Omer Kulbey	
Team 18	Serhat Bicen	
	Talha Kadir Sasmaz	
	Ulas Cinar	
	Yunusemre Arslan	

Some students may fail owing to their attendance rate and not join the Final Project. Those will be removed and the table will be updated on 30.12.2022.