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

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