ISTANBUL TECHNICAL UNIVERSITY
ITU ZES Solar Car Team

2024/2025

Weekly Assignment-3

07.01.2025

1 Git

In this assignment, you dive into the version control systems. You must learn the basics and advances of the most popular version control system, Git. This assignment is mainly a research project but you are wanted to implement the gains after your research later in the assignment. You can use any source you want when learning Git but these are my suggestions:

- https://www.atlassian.com/git

- https://www.w3schools.com/git/ (You MUST do all the exercises given in this source)

- https://www.geeksforgeeks.org/git-tutorial/

- https://learngitbranching.js.org/

- https://docs.github.com/en/get-started/start-your-journey/git-and-github-learning-resources

Now, you must put your gains to work, you are expected to create the main repository for your autonomous assignments and push all of your work to GitHub. This repo must be clean so if you want to use GitHub during your learning separate your learning repo from your autonomous assignment repo. You must correctly separate your projects and also write documentation that explains your project as README.md files for each. For a sample repo, you may refer to this link. Lastly, you will prepare a demo that includes every advanced topic of the Git version control system, any format is okay, and present it by answering the questions.

PS: Do not upload the pdf files of the assignments!

2 Conclusion

For any questions and errors you find, contact Nisanur Çontay. While preparing your work consider readability and scalability, and also do not forget to add necessary comments to your codes.