

Exercise – 9

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Deadline: 24.06.2024 – 1:59pm

Task(s):

- Clone the Exercise GitHub repository: <https://github.com/ETCE-LAB/ETCE-Exercises/>
- The exercise is given to you in the form of a jupyter notebook. You can either install jupyter on your personal system, or use <https://jupyter-cloud.gwdg.de/> (TIP: Jupyter Cloud allows you to clone the exercise repository so you don't have to upload the jupyter notebook and other files manually)
- Programming language: Python 3.10+
 - **You only need to modify the „solution.ipynb“ file.** More detailed instructions on where you need to insert your code can be found in this file.
 - The final cell in the solution.ipynb file grades your solution.
 - This will give you feedback on your solution.

To submit your solution, upload your modified ‚solution.ipynb‘ file to Moodle.

Task Description – Blockchain

You just learned about the basics of a blockchain, e.g., transactions, blocks, and chaining blocks together. Exercise 09 and 10 will help you implement your own simple blockchain. This exercise relies on the three building blocks mentioned above. Please refer to the jupyter notebook for more detailed instructions.