

Writing Smart Contracts

Assignment 04: Tokens

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IMPORTANT:

- Most assignments are handed in via the blockchain.
- Read the instructions carefully and use the appropriate accounts.
- Be careful to choose the required network: Testnet or Mainnet.
- Tip: verify your transactions on Algoexplorer.

Compulsory Exercises

Exercise 1. Perform the exercises in the Jupyter notebooks 04.1 to 04.6, if you have not yet done so.

Exercise 2. Perform the following tasks on the **TestNet**. (a) For a student club, you want to create the beer token, representing 1 liter of beer. The token should be divisible such that glasses of 0.2 L, 0.3 L, 0.5 L and 1.0 liters can be represented. Create the token with a supply of 1000 liters. (b) Send 0.42 ALGOs to the course address `WSC24MVUSQ32IZYD7FNN54Z44IXWL4X7BOJD6AGFOCHOG4PDFESLZUGLTI`, with the ASA ID as a comment.