

# Writing Smart Contracts

## Assignment 04: Tokens

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February 8, 2023

### **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 `WSC234WDSXHLWICSZ5DVJNRZLJHHK23D3ZSP6MS2CJNII4ZDQTC367VUN4`, with the ASA ID as a comment.