

Writing Smart Contracts

Assignment 03: Accounts and Transactions

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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. Use Python to obtain the current (real) ALGO holdings of the course account `WSC24MVUSQ32IZYD7FNN54Z44IXWL4X7BOJD6AGFOCHOG4PDFESLZUGLTI`.

Exercise 2. (a) Create a copy of `03.4_WSC_Transactions.ipynb` and change the code so that you can work on the **MainNet**. Make a transfer of 0.5 ALGOs from your **MyAlgo** (main account) to your **Bob** account. (b) Send the ALGOs (minus fees) back to **MyAlgo**. Add the solution of Exercise 1 as a comment to the transaction in (b).

Exercise 3. Add the **Alice** account to your mobile phone wallet. (We will need it in the next chapters). **Hint:** you may want to use the reading function of iOS.