# Tutorial 3 – Tasks

## ERC-20

* ERC-20 is a blockchain standard for implementing tokenised assets on a blockchain in a smart contract.
* Check the “tokenContract” example from the repository. This contract implements the ERC20 interface.
* Use your skills from Tutorial 2 to:
  + Deploy an instance of tokenContract to Sepolia
  + Return to the “checkBalance” code sample to see your Token balance.
  + Remember a whole token is 10^18 wei. E.g. 1 Token == 1000000000000000000 wei.
  + Transfer a token to another wallet using Metamask
    - To do this you will need to go to the “Tokens” section of Maskmask and add you token to the list using the contract address of the ERC20 token you deployed.
    - Execute the send on Metamask
    - Return to your Web3 code to check the token balance of the recipient.

A screenshot of a computer

Description automatically generated

* Write web3 code to execute “transfer” on the ERC20 contract you deployed
* View the transfer transaction on etherscan
* Confirm the new balance on the “checkBalance” web3 example after the transaction mines.