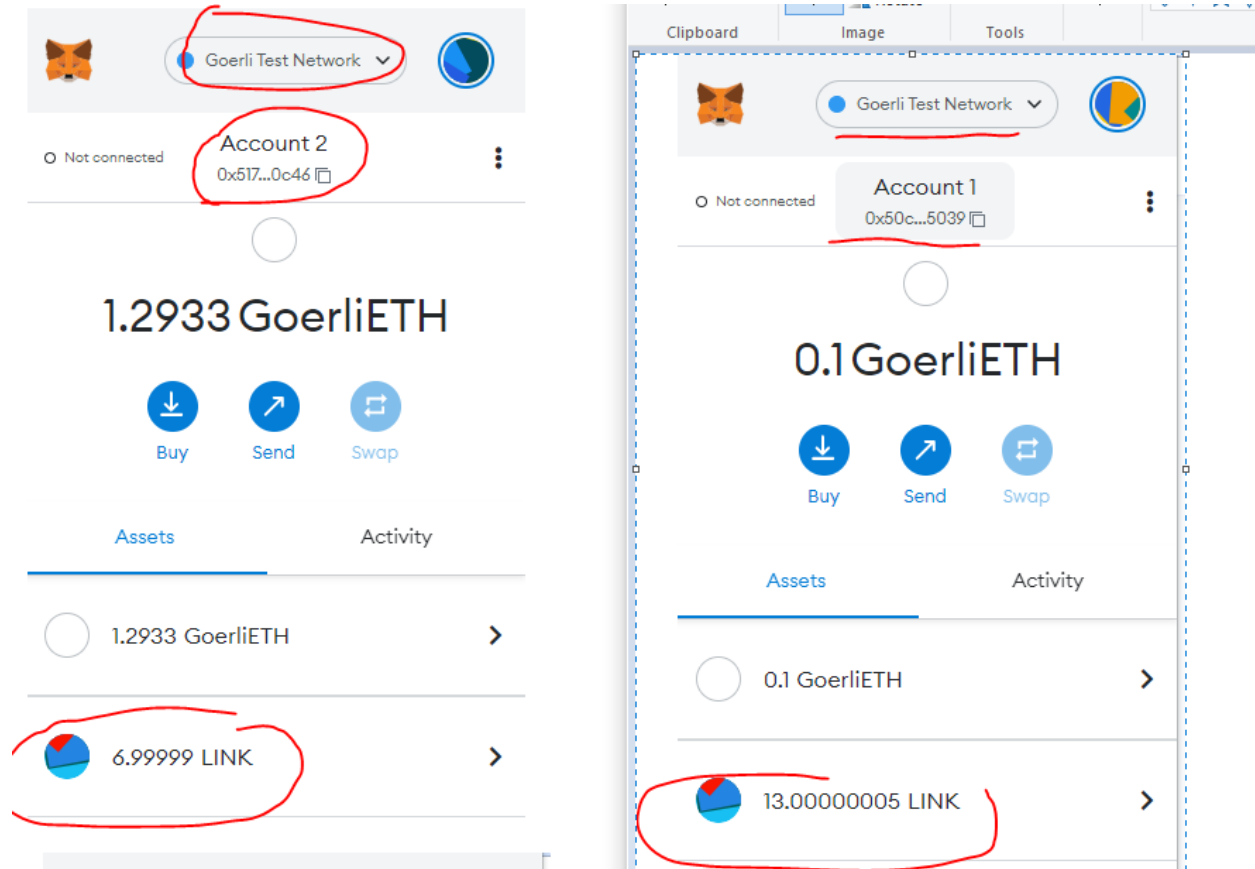# Metamask-Balances-Before&After

SENDER (Account2) & RECEIVER (Account1)- BALANCE - BEFORE (TOKEN - LINK)

TRANSFERRING 1 LINK FROM ACCOUNT2 to ACCOUNT1

```js
33    // Ethereum javascript libraries needed
34    //import Web3 from 'Web3'
35    var Web3 = require('web3');
36    const Tx = require('ethereumjs-tx').Transaction;
37
38    // Rather than using a local copy of geth, interact with the ethereum blockchain via infura.io
39    const web3 = new Web3(Web3.givenProvider || `https://eth-goerli.g.alchemy.com/v2/WyKm3aljTp2epU_zvEeLtA6BEFIy7-Uh`)
40
41    // Create an async function so I can use the "await" keyword to wait for things to finish
42    const main = async () => {
43      // This code was written and tested using web3 version 1.0.0-beta.26
44      console.log(`web3 version: ${web3.version}`)
45
46      // Who holds the token now?
47      var myAddress = "0x5171050beb52148aB834Fb21E3E30FA429470c46";
48
49      // Who are we trying to send this token to?
50      var destAddress = "0x50cAdE6ec896E675644742188ba885d8FCC25039";
51
52      // If your token is divisible to 8 decimal places, 42 = 0.00000042 of your token
53      var transferAmount = BigInt(1*10**18);
54
55      // Determine the nonce
56      var count = await web3.eth.getTransactionCount(myAddress);
57      console.log(`num transactions so far: ${count}`);
58
59      // This is the address of the contract which created the ERC20 token
60      var contractAddress = "0x326C977E6efc84E512bB9C30f76E30c160eD06FB";
61      var contract = new web3.eth.Contract(minABI, contractAddress, { from: myAddress });
62      const METAMASK_KEY = "4ef63770f02888abded959c550e6d1060859bad0f344abc78009af37db936d6d";
63      var privKey = new Buffer.from(METAMASK_KEY, 'hex')
64      web3.eth.getTransactionCount(myAddress, (err, txCount) => {
65        data = contract.methods.transfer(destAddress, transferAmount).encodeABI();
66        const txObject = {
67          nonce:    web3.utils.toHex(txCount),
68          to: contractAddress,
69          gasLimit: web3.utils.toHex(200000),
70          gasPrice: web3.utils.toHex(web3.utils.toWei('10', 'gwei')),
71          data:   data
```

OUTPUT **DEBUG CONSOLE**

TERMINAL

```
● psheokand@DESKTOP-D7OAU9C:~/bicotestproject$ node scripts/transfer.js
  web3 version: 1.7.5
  (node:2482) ExperimentalWarning: The Fetch API is an experimental feature. This feature could change at any time
  (Use `node --trace-warnings ...` to show where the warning was created)
  num transactions so far: 10
  err: null txHash: 0x79ccf942adb12eb436c4b2d5b9bf8365464df3b5e2459ad085ea6b99fb53fc52
○ psheokand@DESKTOP-D7OAU9C:~/bicotestproject$
```

https://goerli.etherscan.io/tx/0x79ccf942adb12eb436c4b2d5b9bf8365464df3b5e2459ad085ea6b99fb53fc52

SENDER (Account2) & RECEIVER (Account1)- BALANCE - AFTER (TOKEN - LINK) TRANSFER

Goerli Test Network ⌄

Not connected   Account 2
                  0x517...0c46 ⧉

1.2929 GoerliETH

⬇ Buy   ↗ Send   ⇄ Swap

Assets   Activity

1.2929 GoerliETH   ⟩

5.99999 LINK   ⟩

Goerli Test Network ⌄

○ Not connected   Account 1
                  0x50c...5039 ⧉

0.1 GoerliETH

⬇ Buy   ↗ Send   ⇄ Swap

Assets   Activity

0.1 GoerliETH   ⟩

14.00000005 LINK   ⟩