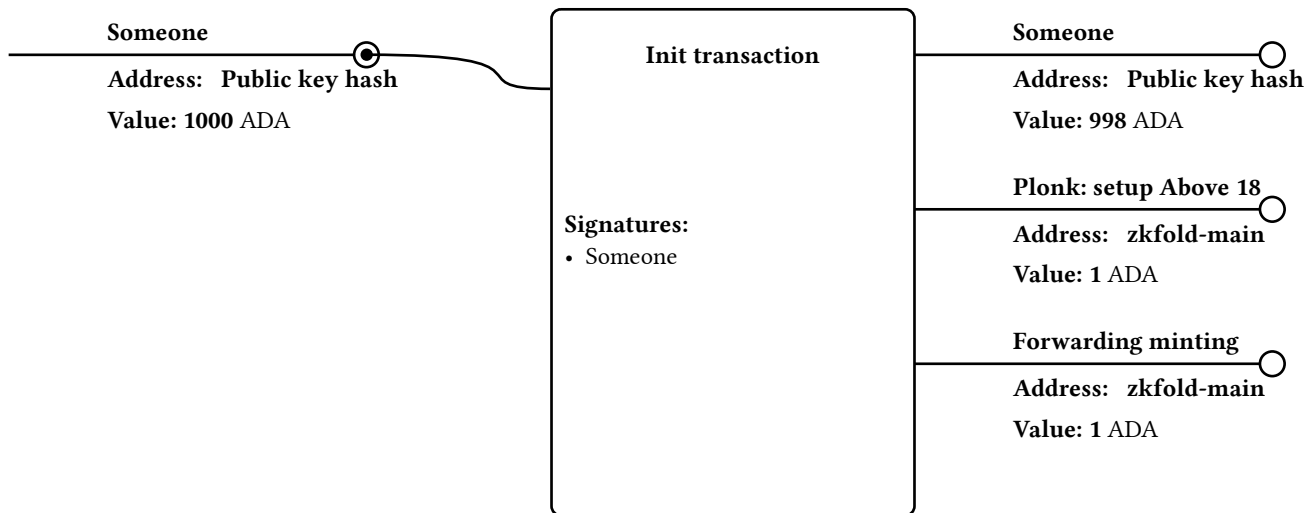


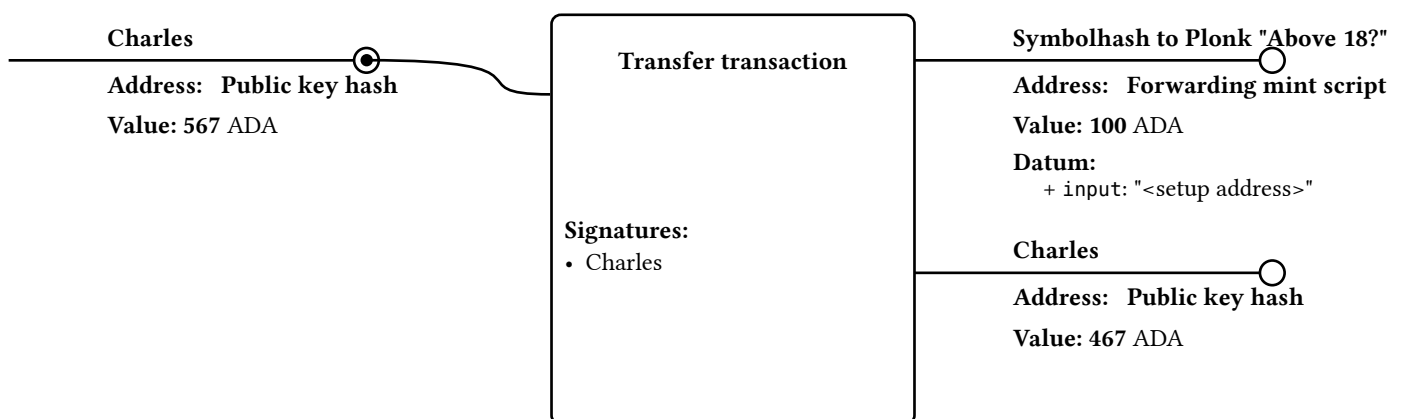
# End-to-end zkFold Token test

**A ZK-KYC example:** Alice wants to send ada to Bob, and some tokens which confirm that a proof of the scheme exists.

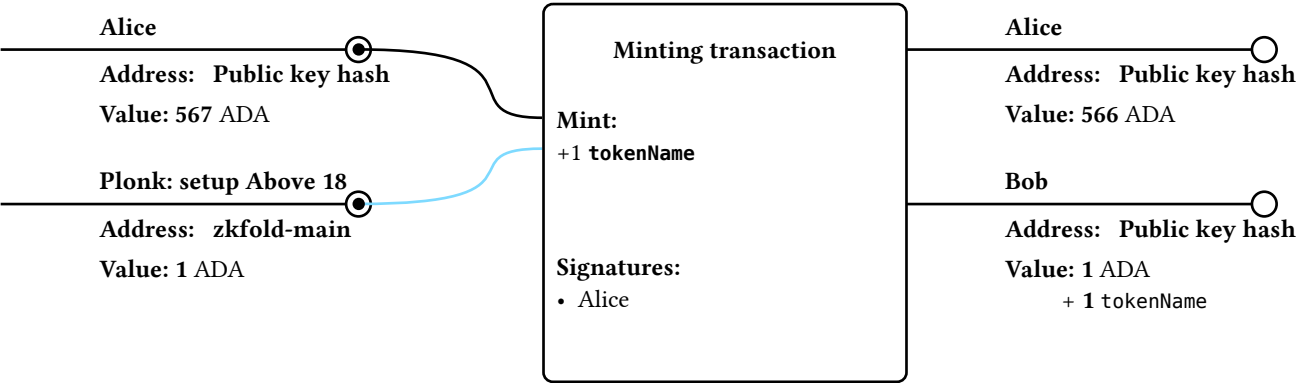
- The first transaction is a setup that needs to be performed only once for this application;
- In the second transaction, Alice minting tokens and sends ada + tokens to Bob;
- In the third transaction, Bob burning tokens.



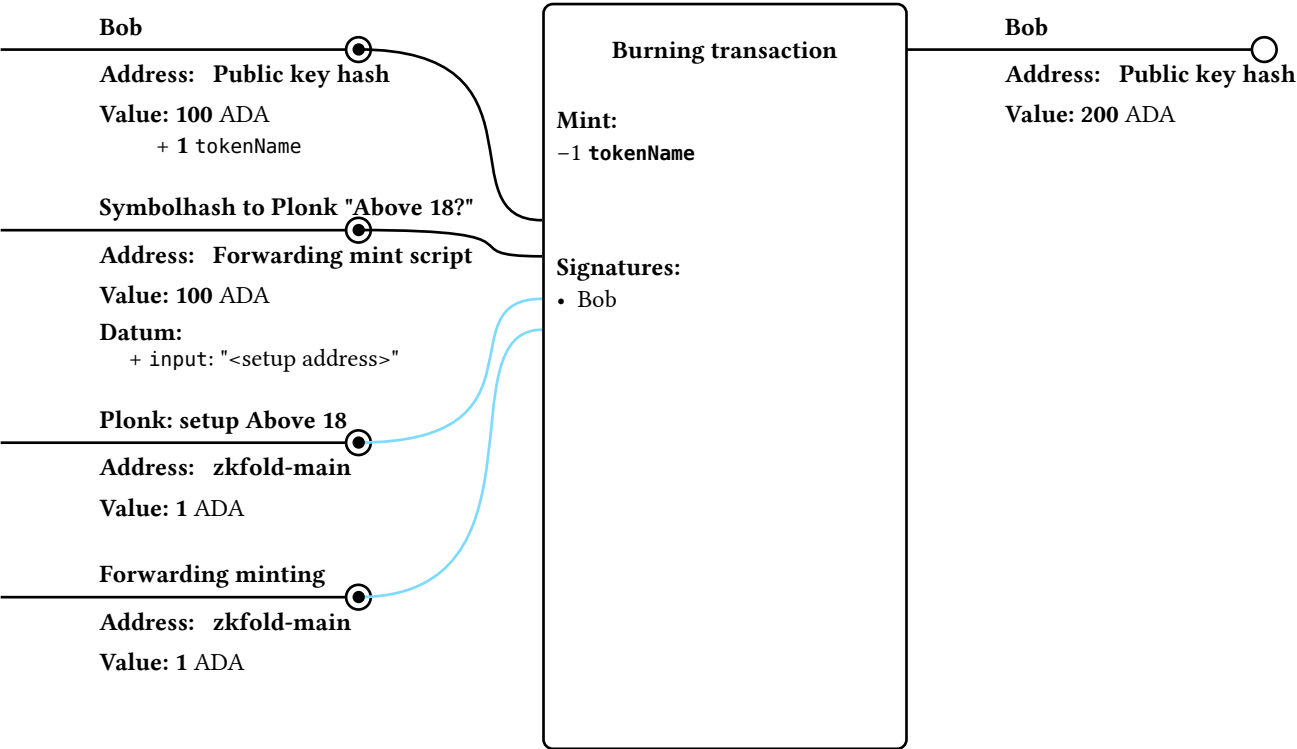
**Note:** Someone posts the Plonk verifier script on-chain.



**Note:** Charles sends ada to a smart contract address.



**Note:** Alice sends ada and plonk tokens to Bob.



**Note:** Bob burn plonk tokens.