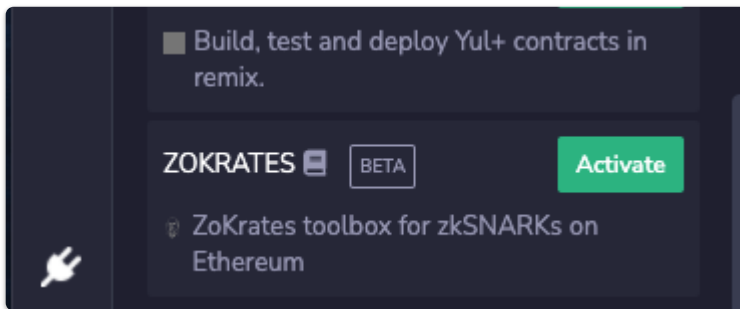


Homework 3

Practice using Zokrates

Use [Remix](#)

Install the Zokrates plugin



1. Use the example file to generate a proof to show that a prover knows the square root of 25.
2. Create an invalid proof and make sure it is rejected
3. Follow the example to build a proof that you know the pre image of a hash
<https://zokrates.github.io/examples/sha256example.html>
4. In principle how could you use Zokrates to verify that a certain address on Ethereum has more than say 1 ETH ?