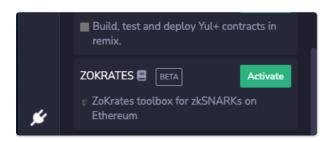
Homework 3

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. Try to create an invalid proof
- 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?