

Homework 8

Noir

1. Follow the [instructions](#) to install Rust and Noir
(the nargo directory is in crates/nargo)
2. Create an [example project](#)
 1. Create a new project

```
nargo new hello_world
```
 2. Build the project

```
cd hello_world
```

```
nargo check
```
 3. Edit the inputs in the Prover.toml file

```
x = "1" y = "2"
```
 4. Edit the Verifier.toml as follows

```
y = "2" setpub = []
```
 5. Generate the proof

```
nargo prove my_proof
```
 6. Verify the proof

```
nargo verify my_proof
```