

Homework 7

1. Deploy a solidity contract onto the starknet test network using warp

You can use the gitpod environment

<https://gitpod.io/#https://github.com/ExtropyIO/ZKPBootcamp>

You need to go to the Practicals/Warp directory

1. Setup , you should follow the instructions in the README file or from the warp [repo](#)
Don't worry about the dependency errors you may see.
2. Transpile the contract and deploy it with

```
warp transpile FILE_PATH CONTRACT_NAME
```

You can then deploy your cairo code to the network.

With the following commands you need to specify the network, in our case alpha-goerli

```
warp deploy CONTRACT_NAME.json --network alpha-goerli
```

3. Invoke a function on your contract, for example

1. `warp invoke --program test.json --address 0x0403bd2f0abdd765398d6a50ff89cfe9ac48760f3b94ba2728bfbacdaff9f59a - --network alpha-goerli --function store --inputs [13]`
Note that inputs need to be in an array

4. Check the status of your transaction

For example

```
warp status
```

```
0x1d1ec8278ccf41452737e80a54e7626299e598528363ced7a527d810f9d6881 --  
network alpha-goerli
```

5. Check you transaction on the [block explorer](#)