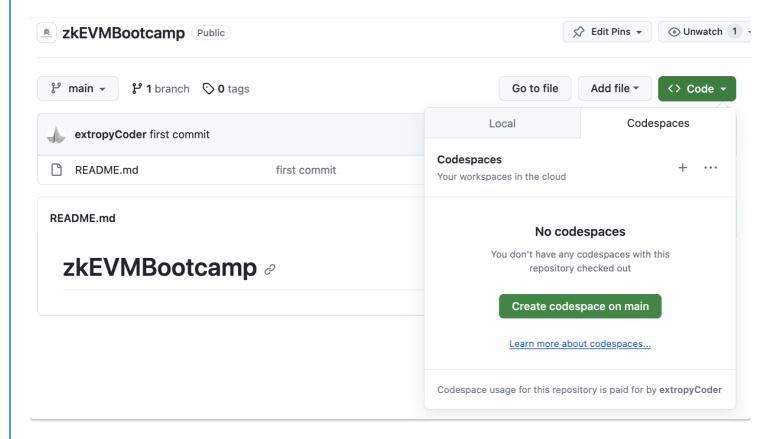
Homework 3

zkEVM Set Up Environment

In preparation for the development tasks we will be doing, we need to setup a development environment.

For Windows users: it may be best to use WSL2.

For all users: if you have problems with installing any of the projects, I advise you to use a codespace on the bootcamp repo.



1. Install the Rust toolchain

See **Instructions**

```
curl --proto '=https' --tlsv1.2 -sSf
https://sh.rustup.rs | sh
```

2. Install a browser wallet if you don't already have one.

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Zustlings for zkEVM

We have some Rust exercises for you to work through

These are in the bootcamp repo

You can either clone this locally or set up a codespace

WIndows users

It may help to use WSL, or if you still have problems we suggest using a codespace as above.

Installing Zustlings

- 1. Make sure you have rust installed
- 2. In the rust directory run

```
cargo install -- force -- path .
```

Doing exercises

In the rust directory run

```
zustlings homework n
```

Where n is the number of the homework you are doing, e.g.

```
zustlings homework 3
```

You will need to open another terminal so that you can edit the files

When you start, it will start with the code in homework3/variables/variable1.rs

As you can see it does not compile

You need to make the change to the code in this file so that it will compile, when you save the file, it will recompile and show you if there are still errors.

Once you have finished a particular file remove the comment // I AM NOT DONE

and you will be taken to the next file that you need to fix.