

# Homework 5

1. Watch this [introduction](#) to Orion / Giza
2. In preparation for future homeworks, we need to install Giza CLI

See [Docs](#)

1. To handle the Python versions, firstly install Pyenv - See [Instructions](#)
2. Use Pyenv to install Python 3.11 and set it as the local version

```
pyenv install 3.11.5  
pyenv local 3.11.5
```

3. Use pip to install the Giza CLI

```
pip install giza-cli
```

If installation locally is difficult, you can try a workspace

1. Use the [bootcamp repo](#) and create a workspace
2. Install pyenv with

```
curl https://pyenv.run | bash
```

3. Update your ~/.bashrc file as recommended with

```
export PYENV_ROOT="$HOME/.pyenv"  
[[ -d $PYENV_ROOT/bin ]] && export PATH="$PYENV_ROOT/bin:$PATH"  
eval "$(pyenv init -)"
```

4. Install Python 3.11.5

```
pyenv install 3.11.5  
pyenv local 3.11.5
```

5. Install from pip

```
pip install giza-cli
```

6. Check your installation

# giza --help

● @entropyCoder → /workspaces/zkMLBootcamp (main) \$ giza --help

Usage: giza [OPTIONS] COMMAND [ARGS]...

◆ Giza-CLI to manage the resources at Giza ◆.

## Options

<code>--install-completion</code>	Install completion for the current shell.
<code>--show-completion</code>	Show completion for the current shell, to copy it or customize the installation.
<code>--help</code>	Show this message and exit.

## Commands

<code>actions</code>	🎯 Utilities for managing actions	
<code>deploy</code>	🚀 Creates an endpoint for the specified model version. Shortcut for <code>giza endpoints deploy</code>	
<code>deployments</code>	🚀 Utilities for managing deployments (deprecated)	(deprecated)
<code>endpoints</code>	🚀 Utilities for managing endpoints	
<code>models</code>	📦 Utilities for managing models	
<code>prove</code>	🔒 Command to generate a proof	
<code>request-reset-password-token</code>	🔑 Request a reset token for a user	
<code>reset-password</code>	🔑 Reset the password for a user using a reset token	
<code>transpile</code>	🔗 Sends the specified model for transpilation. Shortcut for <code>giza versions transpile</code>	
<code>users</code>	👤 Utilities for managing users	
<code>verify</code>	✓ Command to verify a proof	
<code>versions</code>	📦 Utilities for managing versions	
<code>workspaces</code>	📦 Utilities for managing workspaces	