Exercise: Virtual Environments

Goal

Create a virtual environment + (editable) install your package + see that your dependencies are automatically installed

How

We will use `venv` as our environment manager - it is a basic one, but all the principles will apply to all other package mangaers as well.

- Check which Python you are currently using, which packages are installed. Uninstall the brewing package and check that it is not there anymore
- Navigate to the folder which contains the brewing package
- Create and activate a new environment
- Check again which Python you are using and which packages are installed - Are they different?
- Editable install the *brewing* package and check that the code still works

Commands in case you get stuck:

```
> which python
> pip freeze
> pip uninstall brewing
> pip install -e <path-to-folder-containing-brewing>


% create an environment option 1
> cd <path-to-project_folder>
> python3 -m venv .
> source ./bin/activate

% create an environment option 2
> python3 -m venv <path-to-project_folder>
> source <path-to-project_folder>/bin/activate
```