Exercise: Creating a **Role**

1. Initialize a role named 'web'

    ```
    $ mkdir -p ~/.ansible/roles
    $ cd ~/.ansible/roles
    $ ansible-galaxy role init web
    $ tree web
    ```

- Explain what was created

```
a_role/
├── README.md                  # documentation
├── defaults
│   └── main.yml               # default variables that can be overridden
├── files                      # files and scripts to be transferred
├── handlers
│   └── main.yml               # the actions that respond to change notifications
├── meta
│   └── main.yml               # information about the role
├── tasks
│   └── main.yml               # entry point for the actions a role does
├── templates                  # Jinja2 template files to be uploaded to hosts
├── tests                      # For ansible-playbook --syntax-check
│   ├── inventory
│   └── test.yml
└── vars
    └── main.yml               # variables that shouldn't generally be overridden
```