

# Containerized Multiplatform Java/Python

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<https://github.com/tna76874/podjava>

[PDF-Documentation](#)

## Usage without installation

<https://url.hilberg.eu/java>

## Installation and usage (Debian/Ubuntu)

Install podman and deploy scripts.

```
curl -sL https://raw.githubusercontent.com/tna76874/podjava/main/install.sh | bash
```

### podjava

containerized java

```
podjava java -version
```

### podpod

Containerized jupyter server with java

Startup

```
podpod
```

and open <http://localhost:8888/>

## Installation and usage (Windows)

Download and install latest podman release from <https://github.com/containers/podman/releases>

A restart of the PC is required to finish podman installation. After podman installation finished, download (click right and save as) `startjupyter.bat` from <https://raw.githubusercontent.com/tna76874/podjava/main/startjupyter.bat>

Ensure, the file is NOT saved with a .txt file ending. Filename: `startjupyter.bat`

Double click `startjupyter.bat` to start the jupyter server and open in browser: <http://localhost:8888/>

STRG+C in the black terminal to stop server.

## Examples

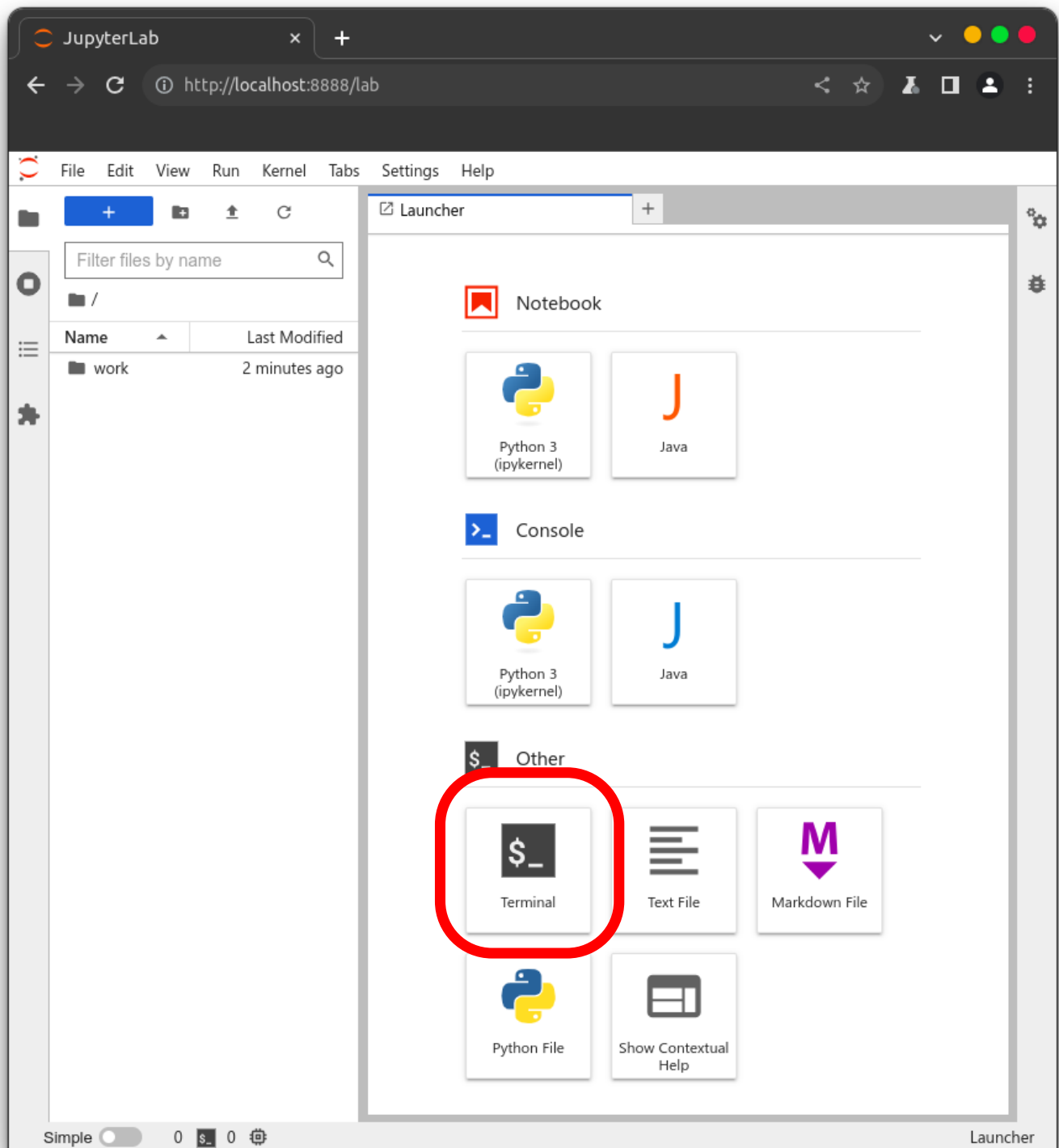


Figure 1: Open a **terminal**.

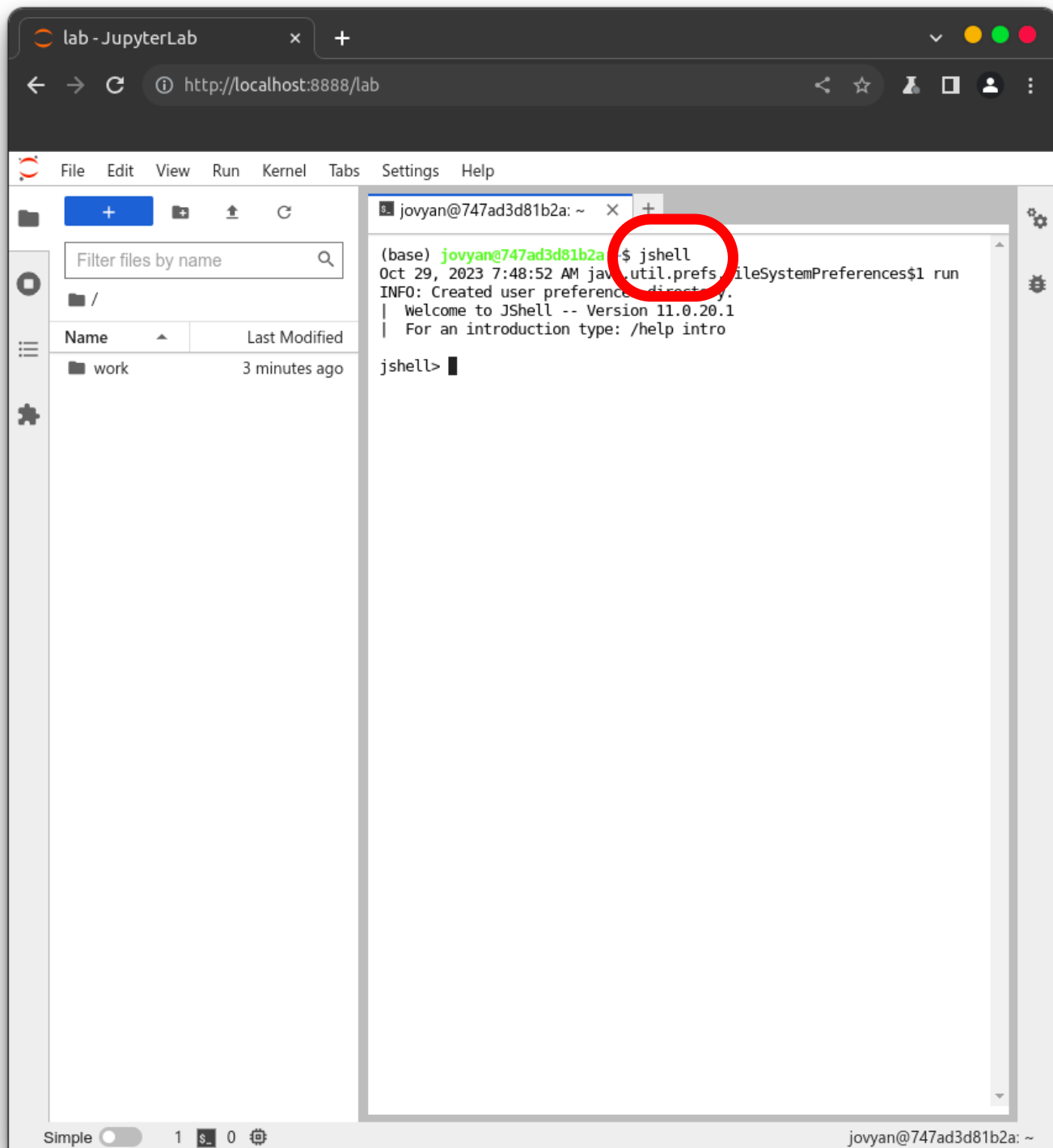


Figure 2: Now, start a **jshell** inside the terminal.

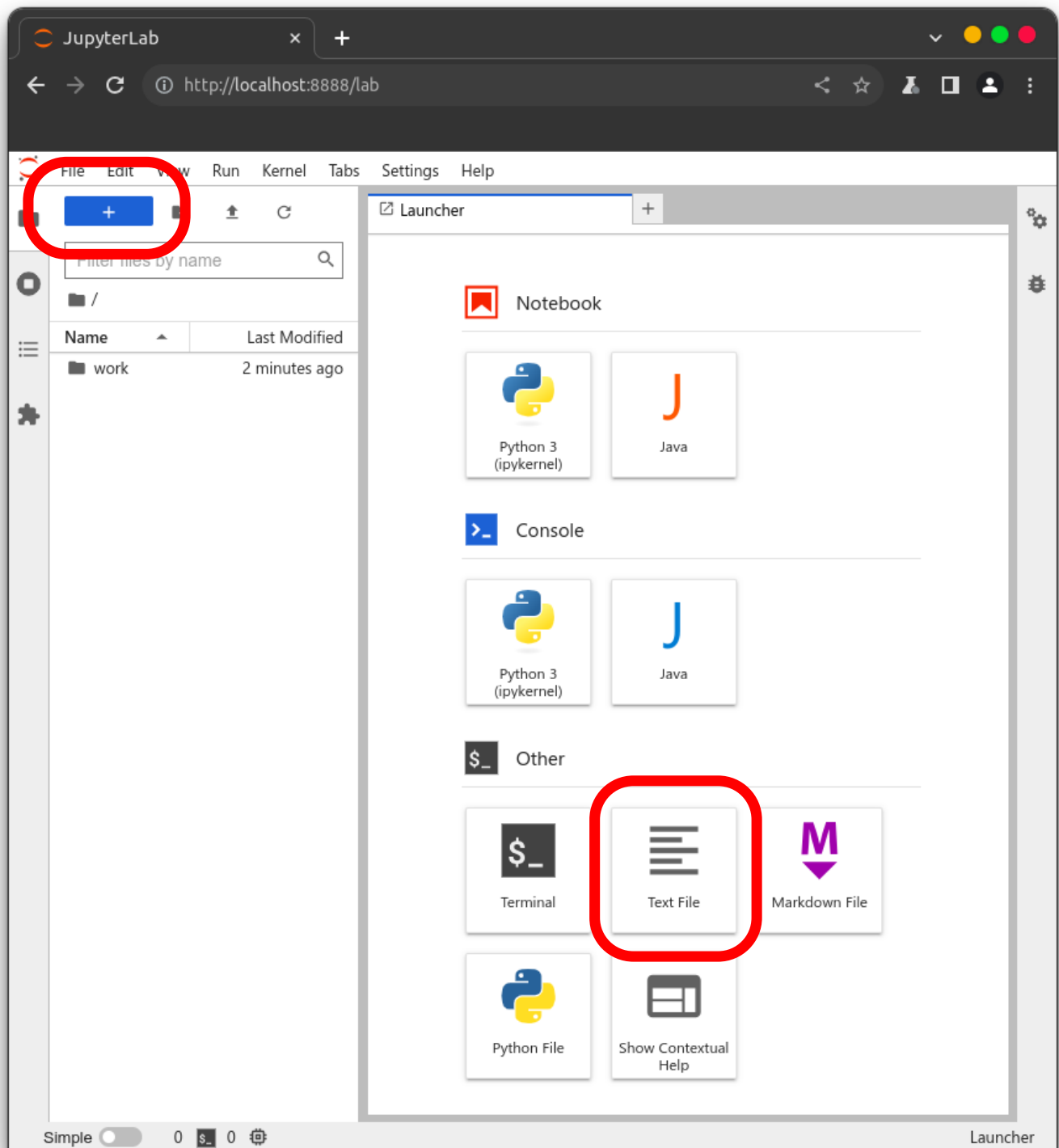


Figure 3: Create a new **text** file.

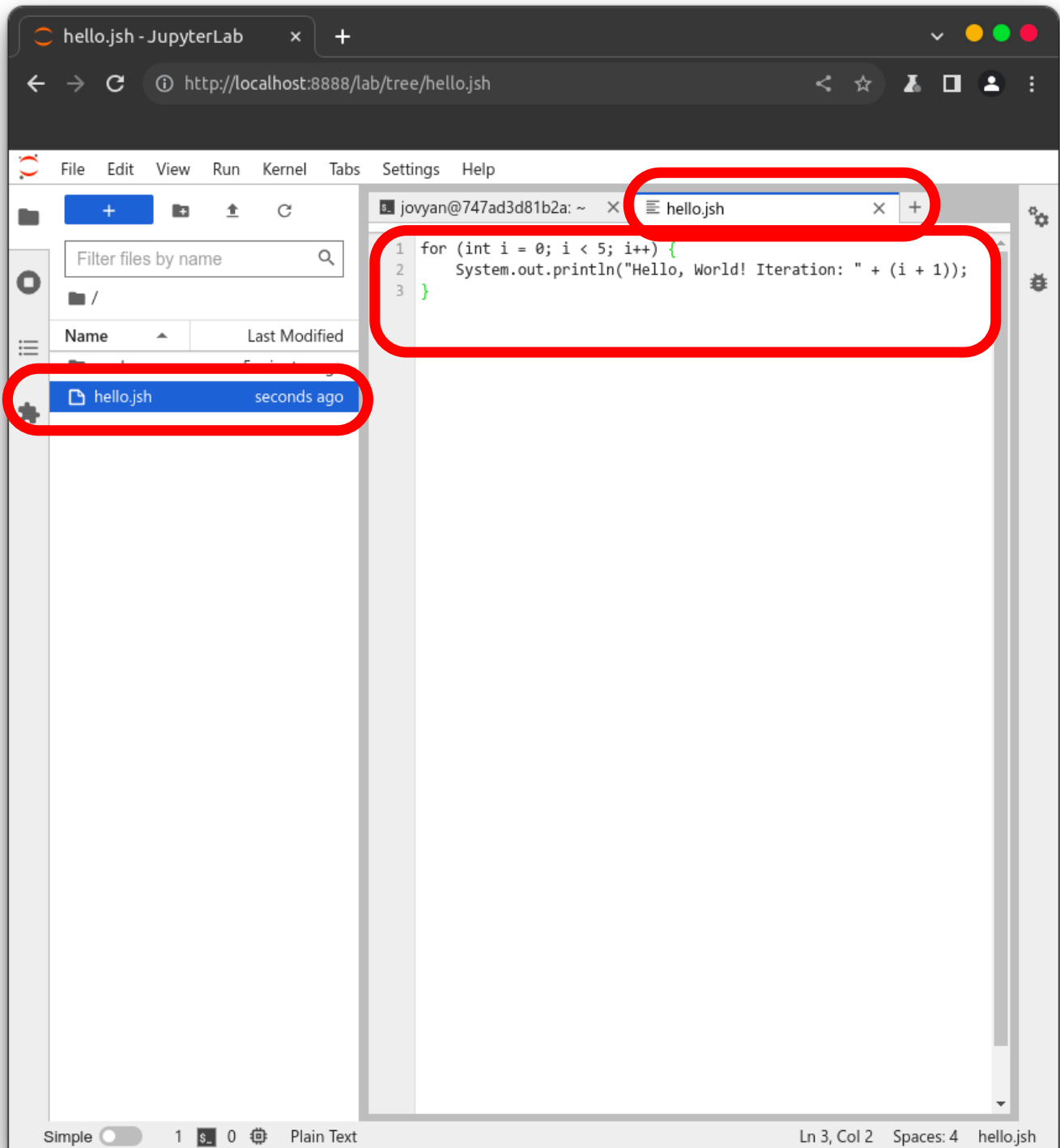


Figure 4: **Rename** (right click) the text file to `hello.jsh` and **fill** the file **with content**.

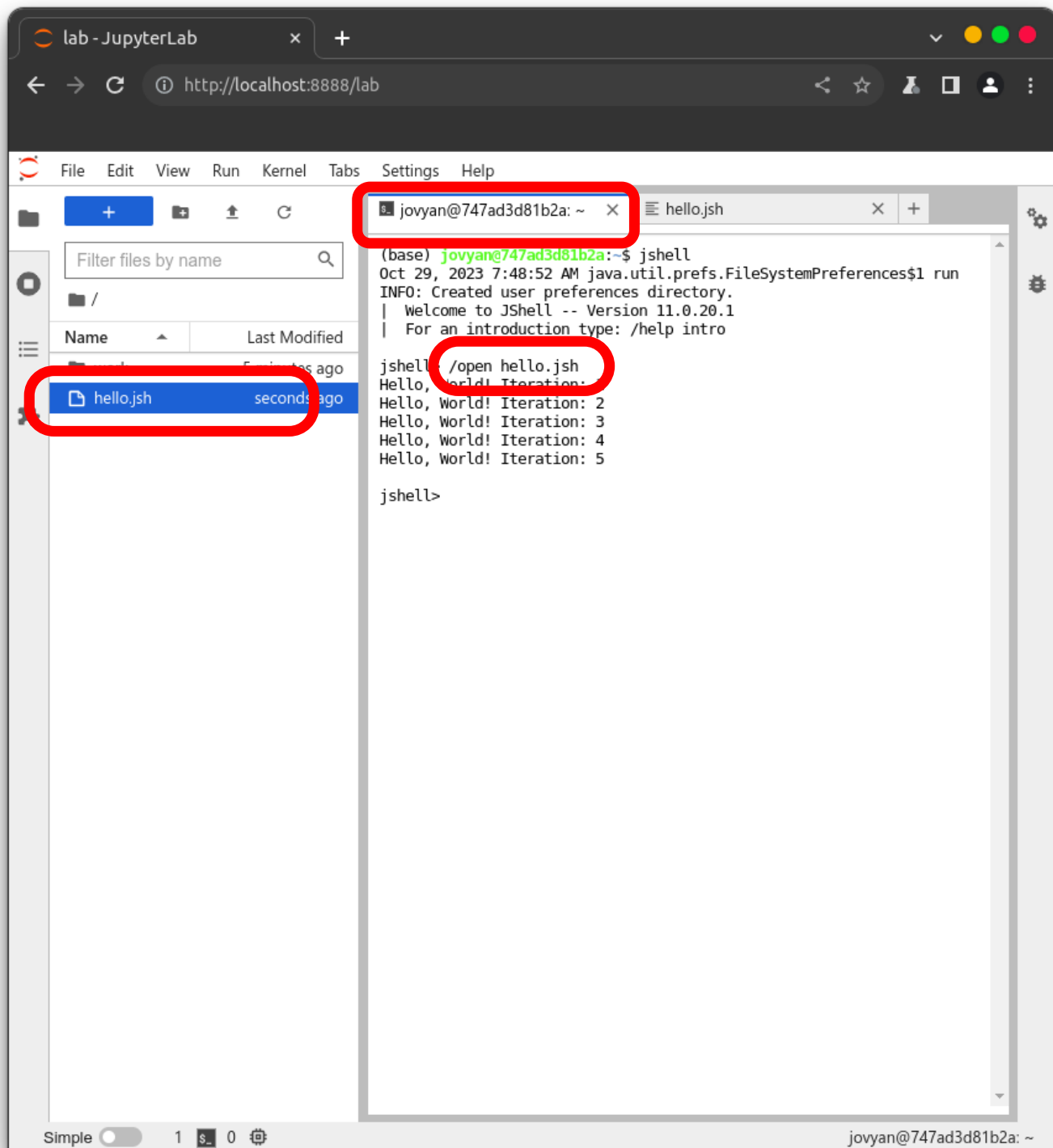


Figure 5: Switch back to the **jshell** session inside the terminal. **Run** the jshell file.

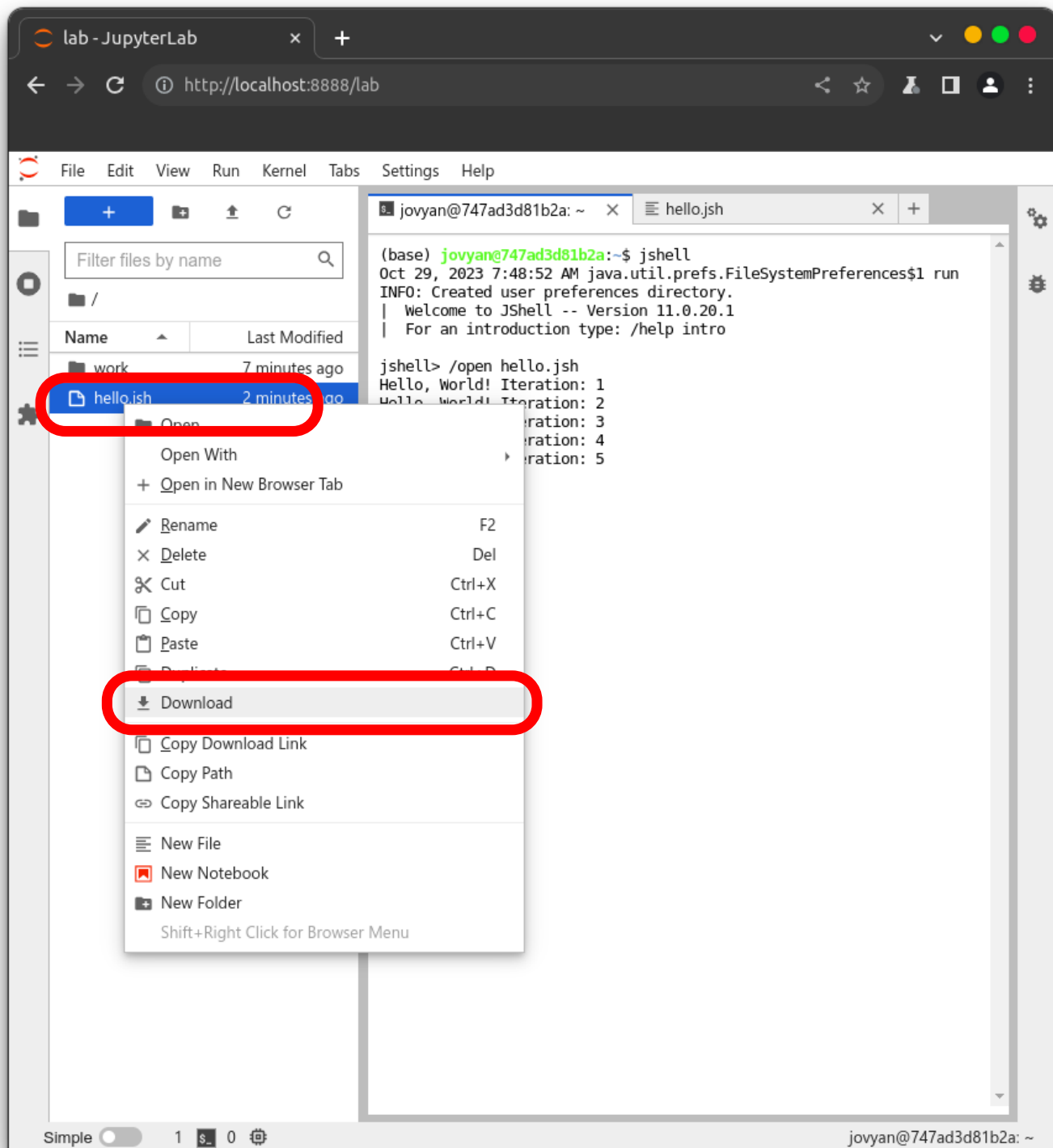


Figure 6: **Save** the file to your documents by **downloading** it.