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.

Contributions

Contributions to this project are appreciated! Before diving in, please review the “to-dos” listed on the issue page:

https://github.com/tna76874/podjava/issues

Examples

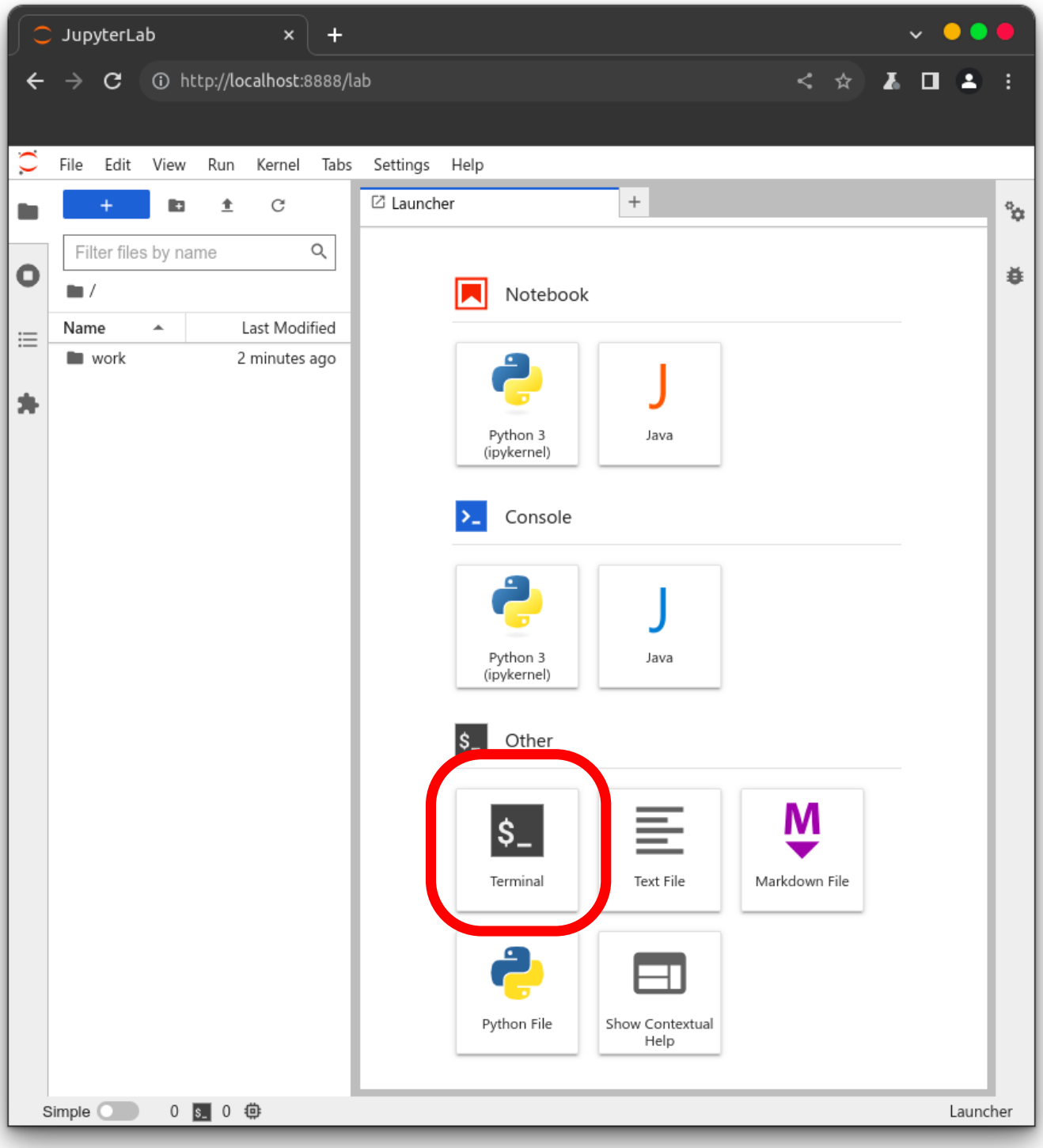

Figure 1: Open a **terminal**.

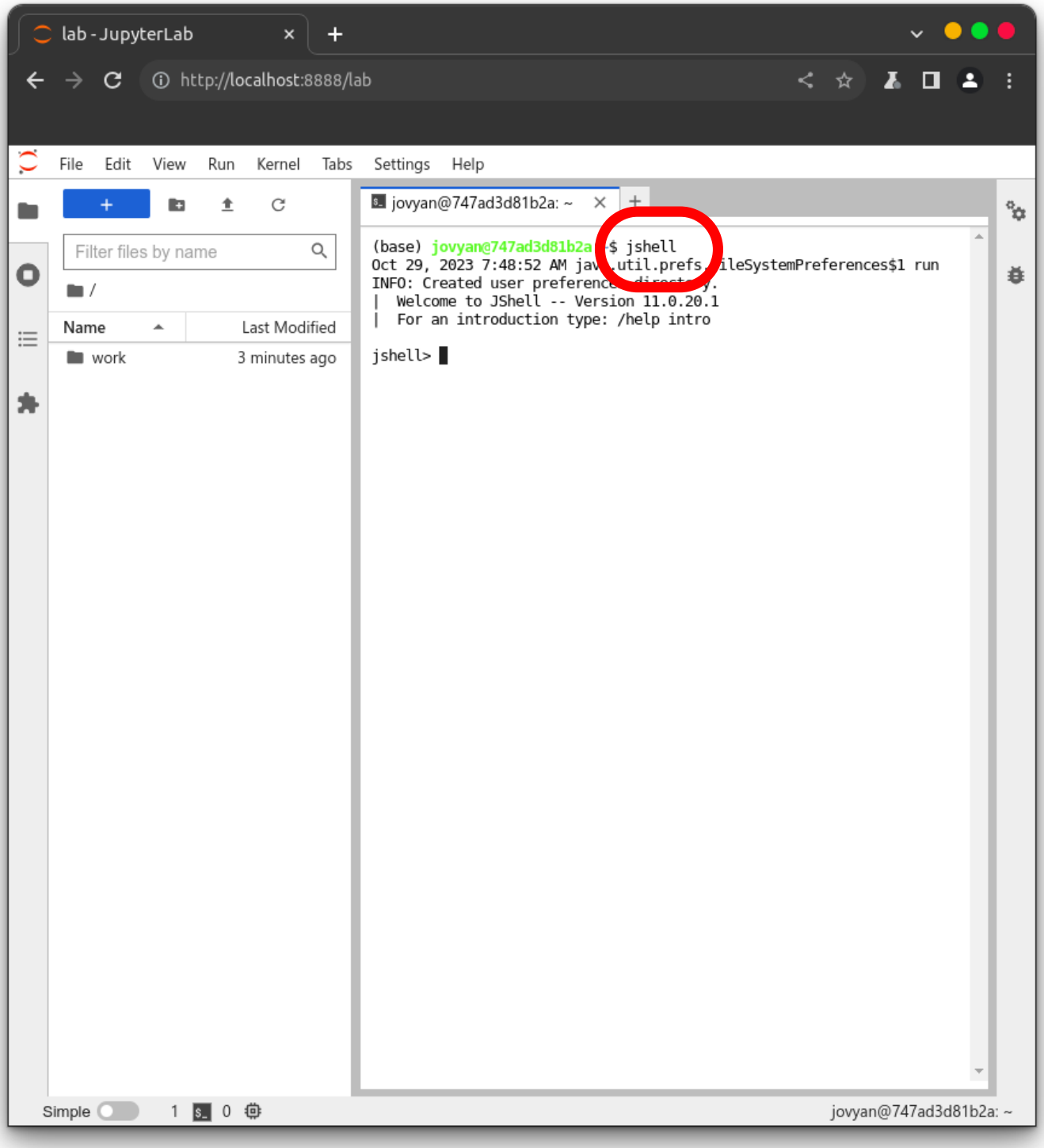

Figure 2: Now, start a **jshell** inside the terminal.

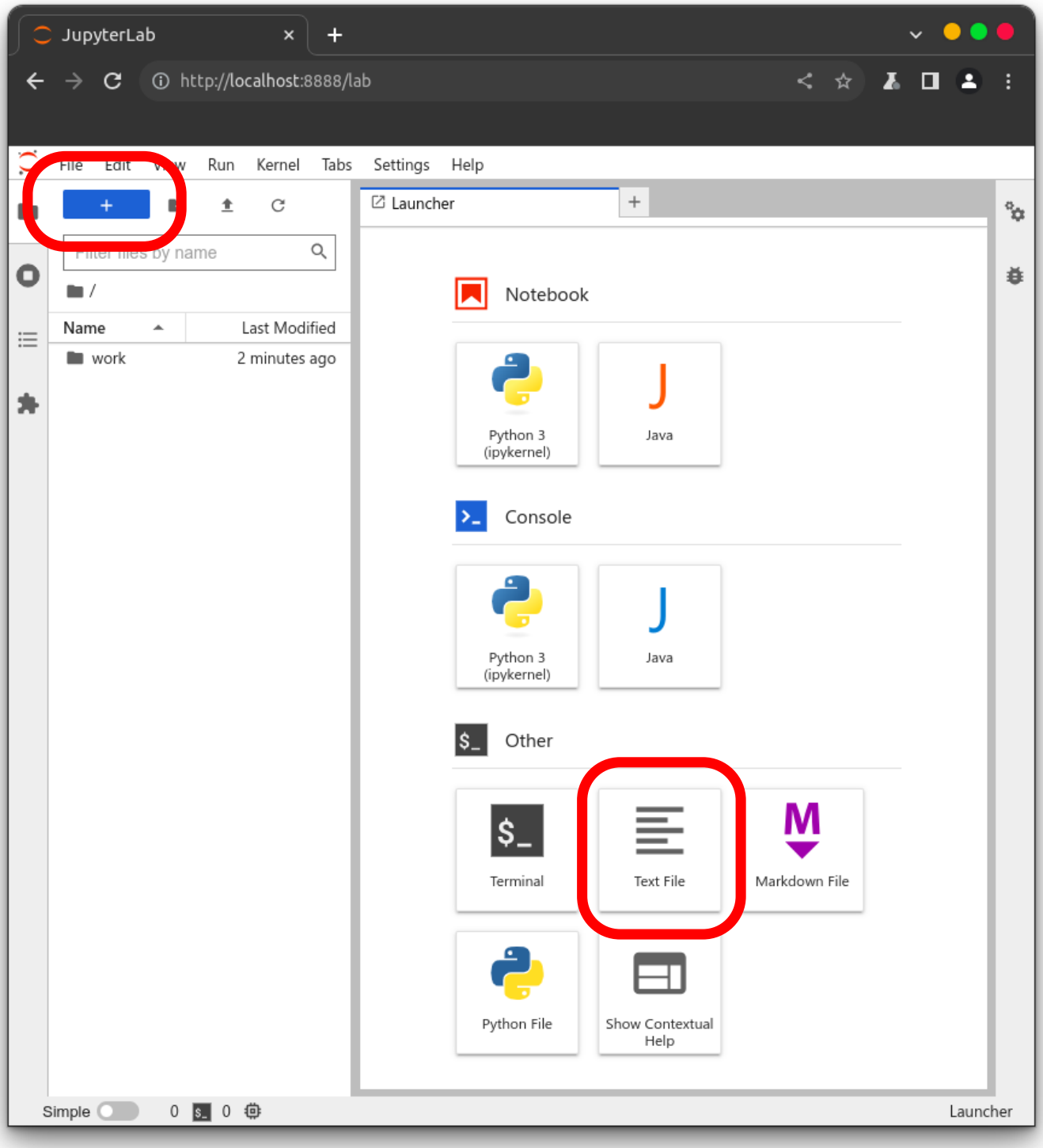

Figure 3: Create a new **text file**.

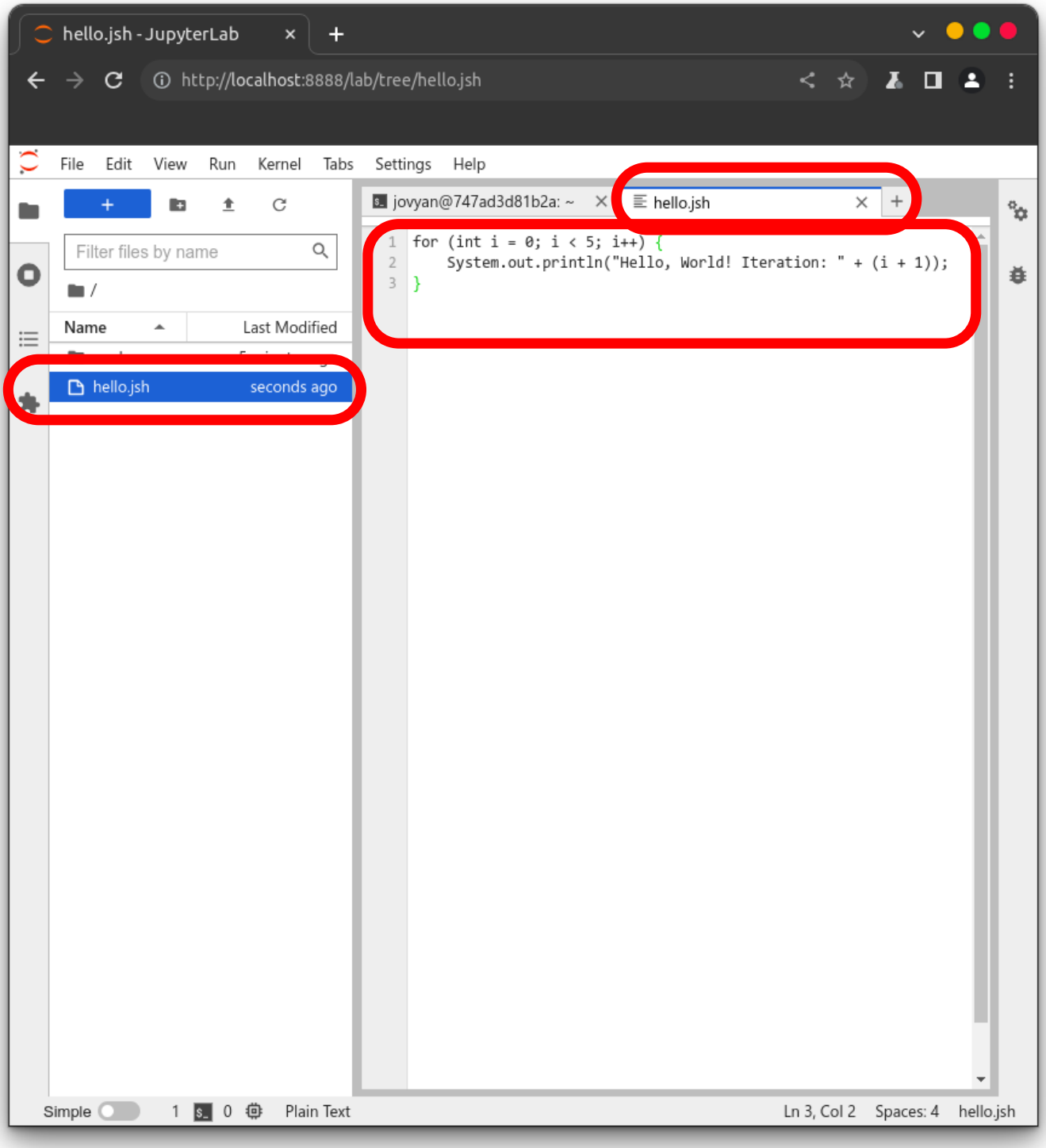

Figure 4: **Rename** (right click) the text file to `hello.jsh` and **fill** the file **with content**.

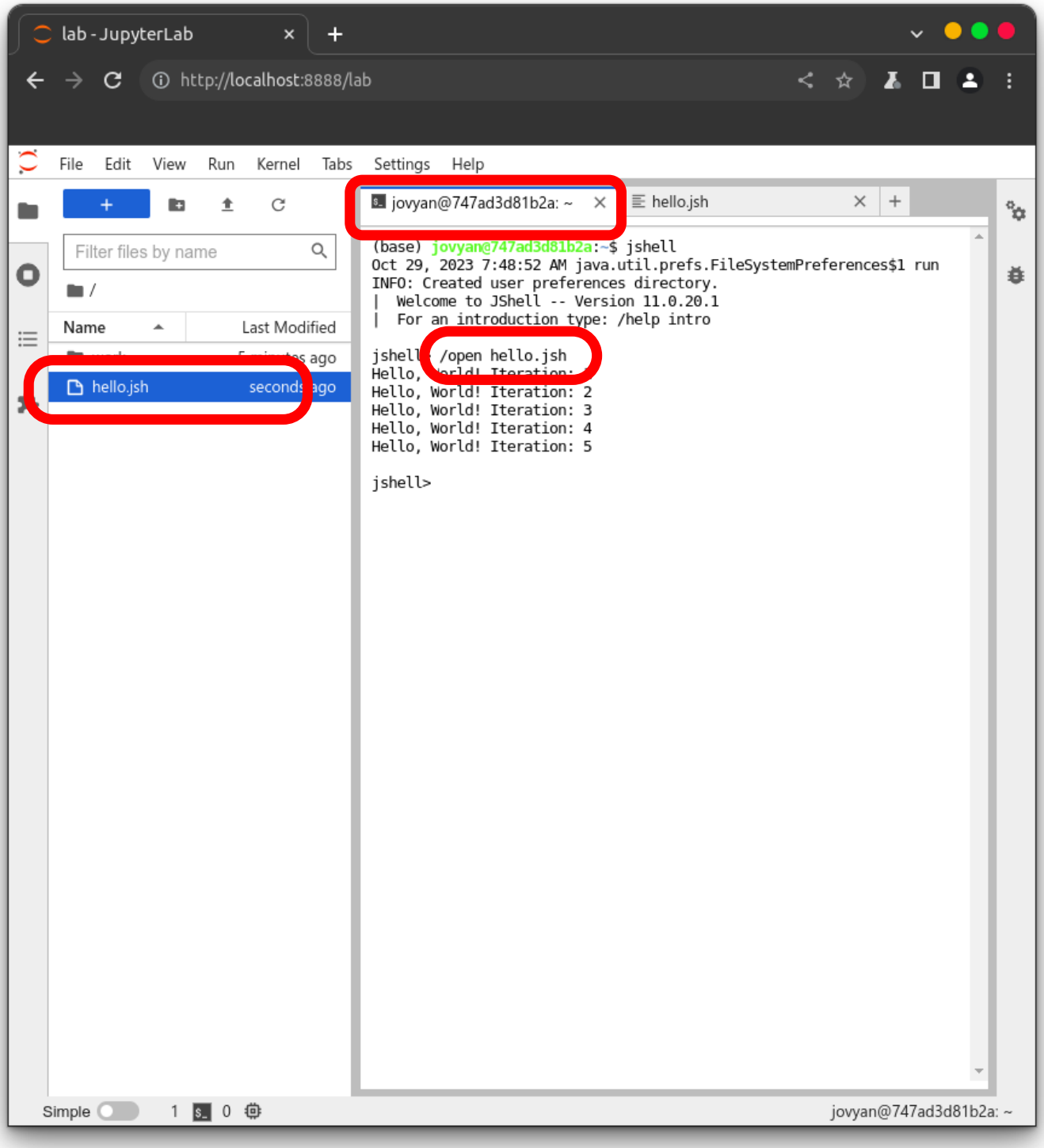

Figure 5: Switch back to the **jshell** session inside the terminal. **Run** the jshell file.

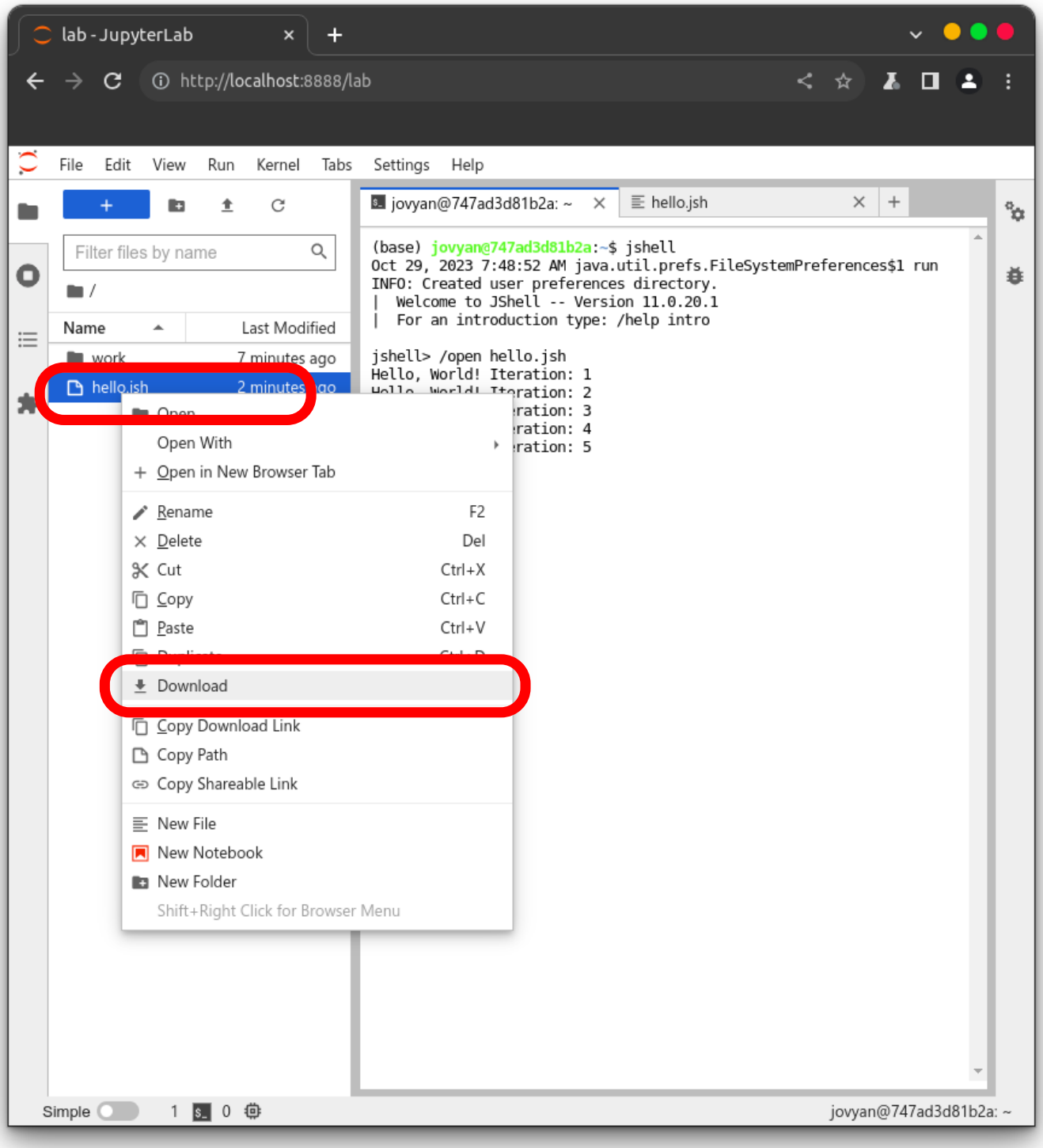

Figure 6: **Save** the file to your documents by **downloading** it.