

Part-I (70%): Complete Course System Setup

1. Anaconda Python 3.x. Provide a screenshot showing the version (username was omitted to avoid reusability). If you have Python 3.x already, you don't need to install Anaconda.

```
jiongyunsun — -zsh — 80x24

Last login: Sat Jan 20 16:09:15 on ttys001
(base) jiongyunsun@JiongyundeAir ~ % python --version
Python 3.9.7
(base) jiongyunsun@JiongyundeAir ~ %
```

2. Jupyter. Make sure you are able to open and run Jupyter notebooks (or JupyterLab).

The screenshot shows the JupyterLab web interface in a browser at <http://localhost:8888/tree>. The interface includes a file browser on the left showing a directory structure with folders like 'ApkProjects', 'Applications', 'Creative Cloud Files', 'cso', 'cso_final', 'DataManagement', 'Desktop', 'Documents', 'Downloads', 'eclipse', 'eclipse-workspace', 'env', 'getting-started', and 'gpa_collector'. The main area displays the JupyterLab logo and 'Quit' and 'Logout' buttons. On the right, a terminal window titled 'jiongyunsun — Jupyter-notebook — 80x38' shows the following output:

```
Last login: Sun Jan 21 13:45:43 on ttys000
(base) jiongyunsun@JiongyundeAir ~ % jupyter notebook
[I 2024-01-21 13:47:30.289 LabApp] JupyterLab extension loaded from /opt/anaconda3/lib/python3.9/site-packages/jupyterlab
[I 2024-01-21 13:47:36.305 LabApp] JupyterLab application directory is /opt/anaconda3/share/jupyter/lab
[I 13:47:36.388 NotebookApp] Jupyter Notebook 6.4.5 is running at:
[I 13:47:36.388 NotebookApp] http://localhost:8888/?token=32a5a3e499a0b7b1a4f108a915401e683cc5bdc535975b5
[I 13:47:36.388 NotebookApp] or http://127.0.0.1:8888/?token=32a5a3e499a0b7b1a4f108a915401e683cc5bdc535975b5
[I 13:47:36.388 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[C 13:47:36.312 NotebookApp]

To access the notebook, open this file in a browser:
file:///Users/jiongyunsun/Library/Jupyter/runtime/nbsrv-152-open.htm
Or copy and paste one of these URLs:
http://localhost:8888/?token=32a5a3e499a0b7b1a4f108a915401e683cc5bdc535975b5
or http://127.0.0.1:8888/?token=32a5a3e499a0b7b1a4f108a915401e683cc5bdc535975b5
```

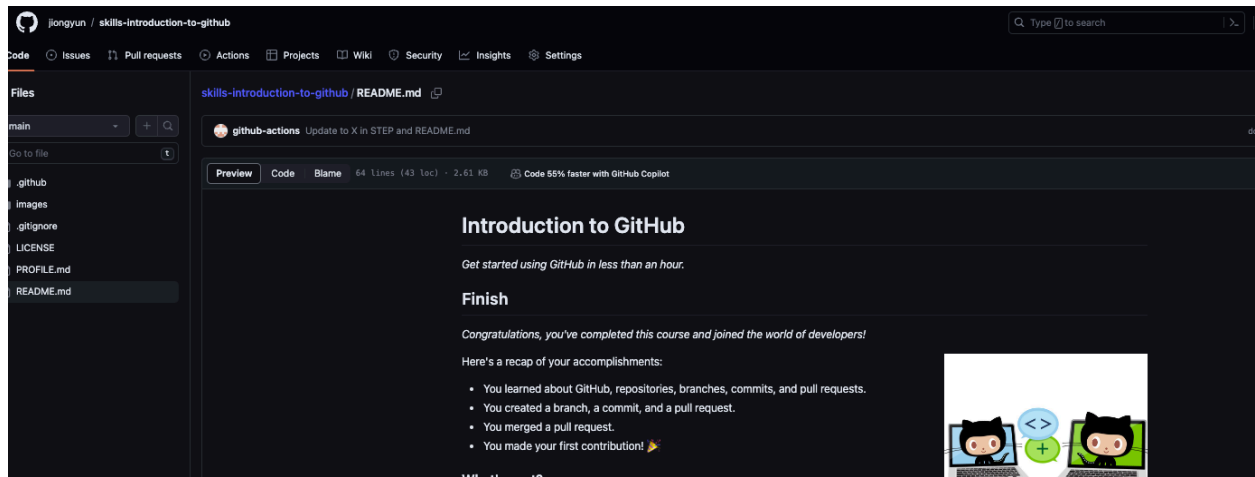
3. Docker. We will use Docker for several purposes throughout the course. Submit a screenshot that reflects the version of your docker

```
jiongyunsun — -zsh — 80x24

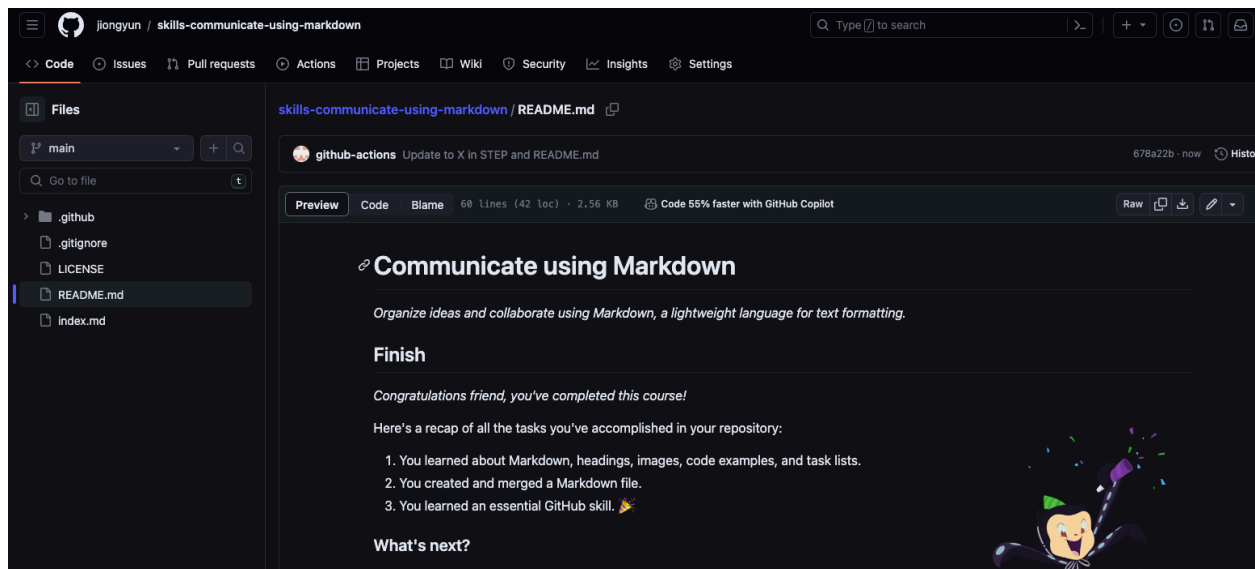
Last login: Sun Jan 21 13:47:30 on ttys000
(base) jiongyunsun@JiongyundeAir ~ % docker --version
Docker version 24.0.5, build ced0996
(base) jiongyunsun@JiongyundeAir ~ %
```

Part-II

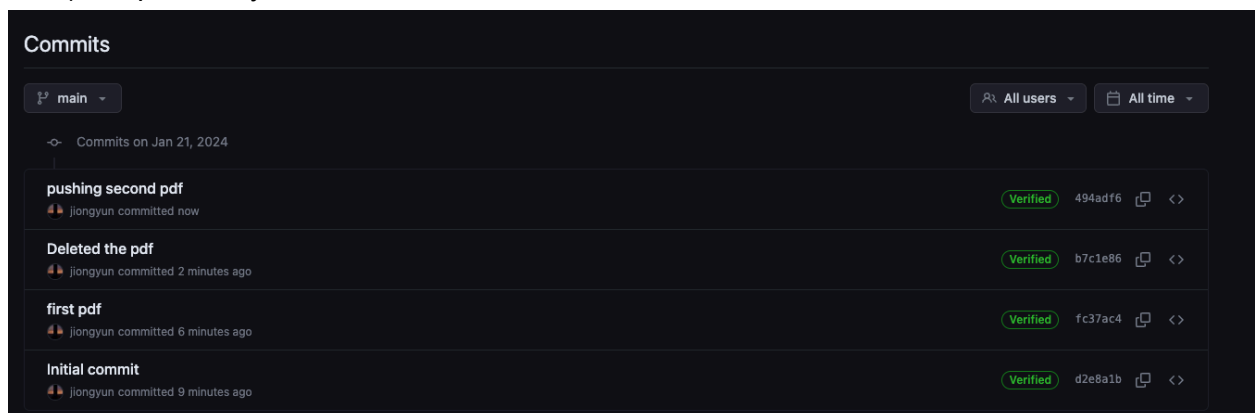
1. <https://github.com/skills/introduction-to-github>



2. <https://github.com/skills/communicate-using-markdown>



a) Repo history



b) Current view of repo

The screenshot shows the GitHub interface for a repository named 'Test-Cloud-Infrastructure' owned by 'jiongyun'. The repository is public. The top navigation bar includes links for Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below the repository name, there are buttons for Pin, Unwatch (1), and Fork (0). The main content area shows the commit history with a table listing files: 'Homework-1.pdf' and 'README.md'. The 'README' file is highlighted, showing the title 'Test-Cloud-Infrastructure'. On the right side, there is an 'About' section with a note 'No description provided.' and a 'Releases' section with a note 'No releases published'. The bottom of the page shows the repository name 'Test-Cloud-Infrastructure' again.

jiongyun / Test-Cloud-Infrastructure

Type to search

Issues Pull requests Actions Projects Wiki Security Insights Settings

Test-Cloud-Infrastructure Public

Pin Unwatch 1 Fork 0

main 1 Branch 0 Tags

Go to file Add file Code

jiongyun pushing second pdf 494adf6 · 1 minute ago 4 Commits

Homework-1.pdf	pushing second pdf	1 minute ago
README.md	Initial commit	10 minutes ago

README

Test-Cloud-Infrastructure

About

No description provided.

Readme Activity 0 stars 1 watching 0 forks

Releases

No releases published

Create a new release

3) url of public repo

<https://github.com/jiongyun/Test-Cloud-Infrastructure>