cloud_native_hw2

2025 spring - cloud native - assignment 2

Repo link : https://github.com/sheepycat/cloud_native_hw2.git

Part 1. Repo 操作
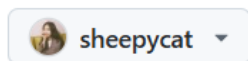

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere?
Import a repository.

Required fields are marked with an asterisk (*).

Owner *   Repository name *

    sheepycat ▼   /   cloud_native_hw2

                           ⚠ The repository cloud_native_hw2 already exists on this account.

Great repository names are short and memorable. Need inspiration? How about **miniature-meme** ?

Description (optional)

[   ]

⬤ 📖 Public
          Anyone on the internet can see this repository. You choose who can commit.

◯ 🔒 Private
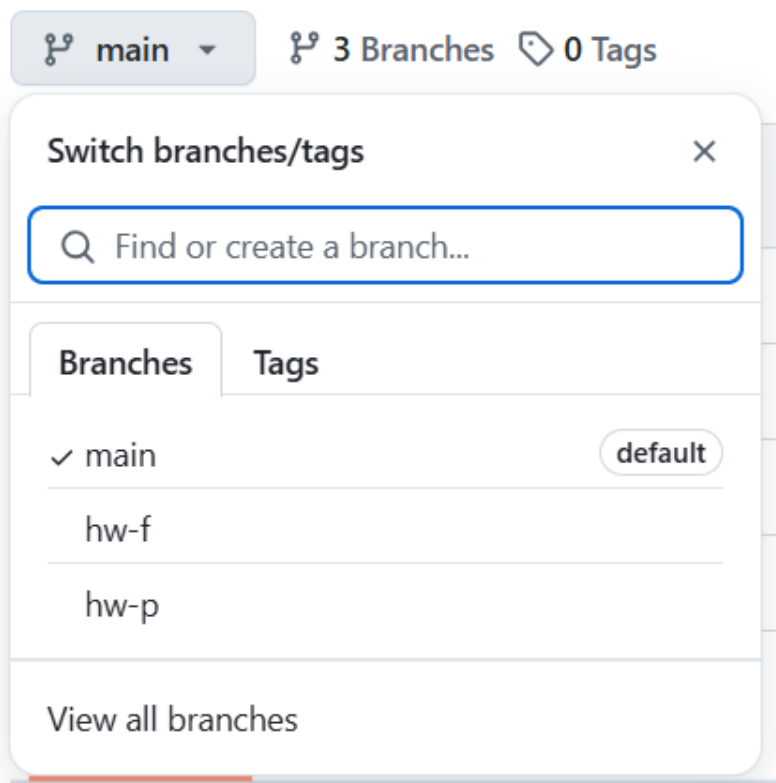   You choose who can see and commit to this repository.

Initialize this repository with:
☑ Add a README file
      This is where you can write a long description for your project. Learn more about READMEs.

- 創建新 Repo，設定 repo name、權限 (public)、新增 README.md

- 創建 hw-f, hw-p 兩個 branch

Part 2. Issue

- 從 Repo settings 的 Features 新增 issue template

Part 3&4 Pull Request & GitHub Action

- hw-p, hw-f 的 pull request 和 comment:

edit main.py [hw-p] #3

Merged **sheepycat** merged 1 commit into `main` from `hw-p` ⧉ 2 hours ago

💬 Conversation 1   ◦ Commits 1   ☑ Checks 1   ± Files changed 1

sheepycat commented 2 hours ago   Owner •••
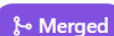
testing pull request from hw-p
edited main.py

☺

─◦─ 🐑 edit main.py [hw-p]   ✓ eaf1516

add file: hw_f.py #4

Merged **sheepycat** merged 1 commit into `main` from `hw-f` ⧉ 1 hour ago

💬 Conversation 1   ◦ Commits 1   ☑ Checks 1   ± Files changed 1

sheepycat commented 1 hour ago   Owner •••

add hw_f.py to main

☺

─◦─ 🐑 add file: hw_f.py   ✓ 7a44cd3

- Github action: 使用 template: simple workflow，再額外加入兩個步驟: 使用 requirements.txt install dependencies、run test.py

```
- name: Install dependencies
  run: |
    if [ -f requirements.txt ]; then
      pip install -r requirements.txt
    else
      echo "No requirements.txt found"
    fi

- name: Run test.py
  run: |
    if [ -f test.py ]; then
      python test.py
    else
      echo "No test.py found"
    fi
```

- hw-p, hw-f PR 的 Github Action 運行結果。其中 hw-f 的 test.py 有 bug，使 Github Action 運行失敗

add requirements and test.py #6

⑂ Merged   **sheepycat** merged 1 commit into `main` from `hw-p` 🗗 5 minutes ago

💬 Conversation 1   ⊶ Commits 1   ☰ Checks 2   ⊞ Files changed 2

✓ add requirements and test.py 3d704d7 ▾

∨ CI
  on: pull_request

✓ build

build
succeeded 33 minutes ago in 8s

> ✓ Set up job

add requirements and test.py #5

⑂ Closed   **sheepycat** wants to merge 1 commit into `main` from `hw-f` 🗗

💬 Conversation 2   ⊶ Commits 1   ☰ Checks 2   ⊞ Files changed 2

✗ add requirements and test.py fcfb5ff ▾

∨ CI
  on: pull_request   💬 1

✗ build

∨ **Annotations**
  1 error

✗ **Run test.py**
   Process completed with exit code 1.