

# 運算思維與程式設計（一）

如何上傳作業到自己的Github帳戶

# 請到Github申請一個使用帳戶。

網址：<https://github.com/>

～先註冊再登錄。

- **`Sign Up` 註冊：**請填寫個人基本資料。
- **`Sign in` 登錄：**進入Github帳戶開始使用。



Why GitHub? ▾ Enterprise Explore ▾ Marketplace Pricing ▾

Search GitHub



<sup>2</sup>Sign in

<sup>1</sup>Sign up

## Built for developers

GitHub is a development platform inspired by the way you work. From [open source](#) to [business](#), you can host and review code, manage projects, and build software alongside 40 million developers.

Username

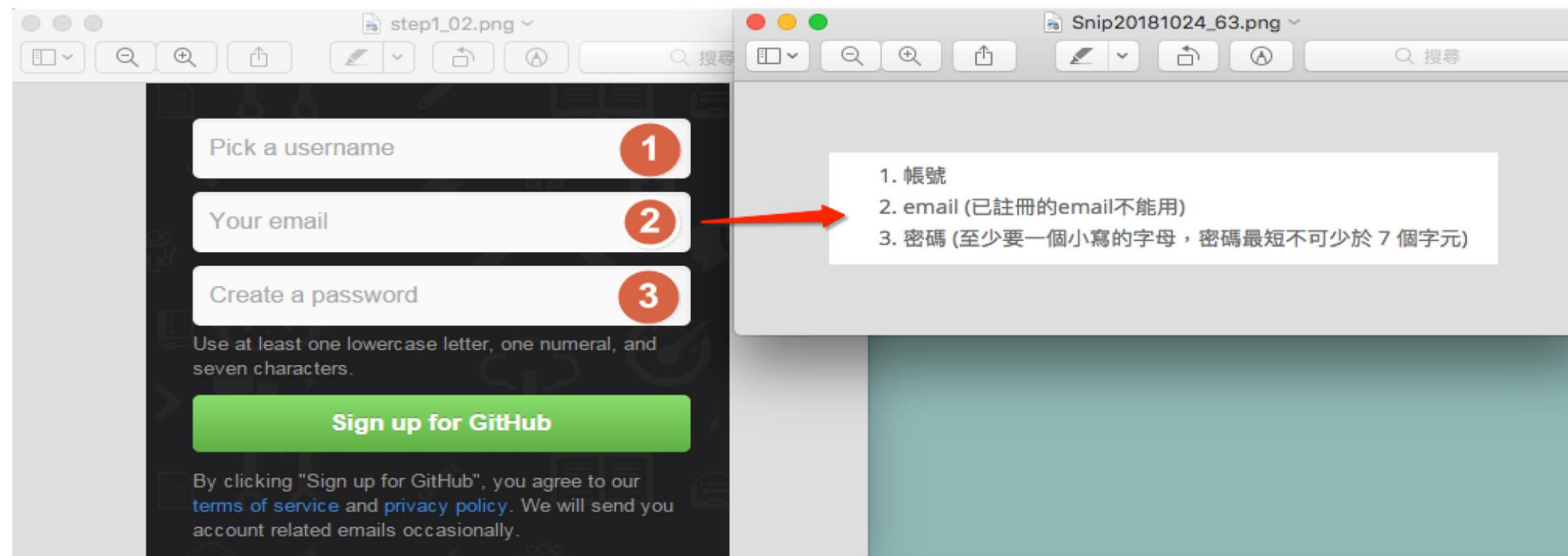
Email

Password

Make sure it's at least 15 characters OR at least 8 characters including a number and a lowercase letter. [Learn more.](#)

Sign up for GitHub

帳號密碼設定，密碼(至少一個小寫的字母，一個數字，不可少於七個字元)



註冊設定帳號



# 註冊的步驟

～填寫個人基本資料

- Username：使用者名稱
- Email Address: 電郵信箱
- Password：密碼
- 驗證

填好資料的輸入框，右邊會出現綠色的勾勾；最後按下方的「Create an account」鈕。

## 建立帳號名稱與 email

### Create your personal account

Username \*

mnrfloyd



帳號

This will be your username. You can add the name of your organization later.

Email address \*

bungee.ilinke@gmail.com



email

We'll occasionally send updates about your account to this inbox. We'll never share your email address with anyone.

Password \*

.....

Make sure it's **more than 15 characters** OR at least 8 characters including a number and a lowercase letter. [Learn more.](#)

### Verify account



By clicking "Create an account" below, you agree to our [terms of service](#) and [privacy statement](#). We'll occasionally send you account related emails.

Create an account

建立帳戶


# Step1:歡迎建立個人帳戶


## ~Join Github


- 如果已經填寫過個人資料，在此會出現驗證圖示，證明自己不是機器人。
- 選擇綠色按鈕[Create an account]

## Join GitHub

The best way to design, build, and ship software.

 **Step 1:**  
Set up your account


 **Step 2:**  
Choose your subscription

 **Step 3:**  
Tailor your experience

### Verify account

請解開這謎題，  
好讓我們知道你是真人

驗證



Create an account

#### You'll love GitHub

- Unlimited public repositories
- Unlimited private repositories
- ✓ Limitless collaboration
- ✓ Frictionless development
- ✓ Open source community


# Step2:選擇免費方案


~請直接按[Continue]。

- 如果在GitHub裡面放的東西具有隱私，不打算公開的話，請選擇付費方案每月\$7塊美金。
- 如果不介意公開，請選擇 Unlimited public repositories for free(免費方案)。
- 選擇是個人用戶或組織用戶，我們都可以不回答。

## 選擇免費方案

✓ Completed  
Set up your account

 Step 2:  
Choose your plan

 Step 3:  
Personalize your experience

### Choose your plan

With tools developers love and the world's largest open source community, there's no wrong choice.

✓

Free

The basics of GitHub for every developer

\$0

per month

Includes:

- ∞ Unlimited public and private repositories
- ✓ 3 collaborators for private repositories
- ✓ Issues and bug tracking
- ✓ Project management

Are you a [student](#)? Get access to the best developer tools for free with the [GitHub Student Developer Pack](#).

Pro

Pro tools for developers with advanced requirements

\$7

per month

[\(view in TWD\)](#)

Includes:

- ∞ Unlimited public and private repositories
- ∞ Unlimited collaborators
- ✓ Issues and bug tracking
- ✓ Project management
- ✓ [Advanced tools and insights](#)

☐ **Help me set up an organization next**  
Organizations are separate from personal accounts and are best suited for businesses who need to manage permissions for many employees.  
[Learn more about organizations](#)

☐ **Send me updates on GitHub news, offers, and events**  
Unsubscribe anytime in your email preferences. [Learn more](#)

Continue

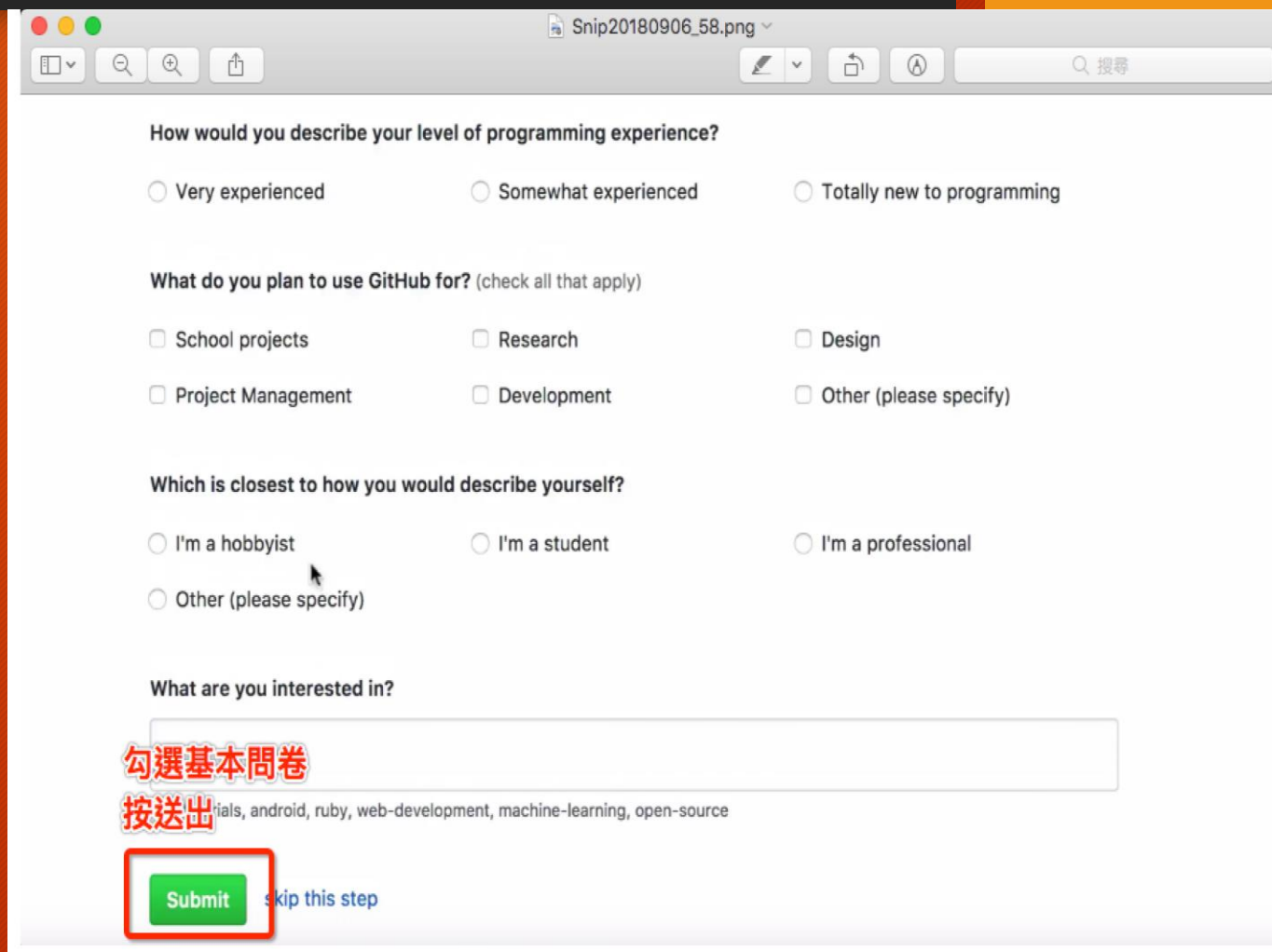
勾選問卷或直接跳過此步驟



# Step3:跳過問卷填寫

~直接選擇[Skip this step]

- 或者隨便勾一勾，然後按[Submit]。



Snip20180906\_58.png

How would you describe your level of programming experience?

☐ Very experienced      ☐ Somewhat experienced      ☐ Totally new to programming

What do you plan to use GitHub for? (check all that apply)

☐ School projects      ☐ Research      ☐ Design

☐ Project Management      ☐ Development      ☐ Other (please specify)

Which is closest to how you would describe yourself?

☐ I'm a hobbyist      ☐ I'm a student      ☐ I'm a professional

☐ Other (please specify)

What are you interested in?

勾選基本問卷  
按送出

[Skip this step](#)

# Step4: 電郵確認即註冊成功

驗證註冊的電郵信箱。

電郵收信，完成驗證，登入GitHub，點「Your profile」。

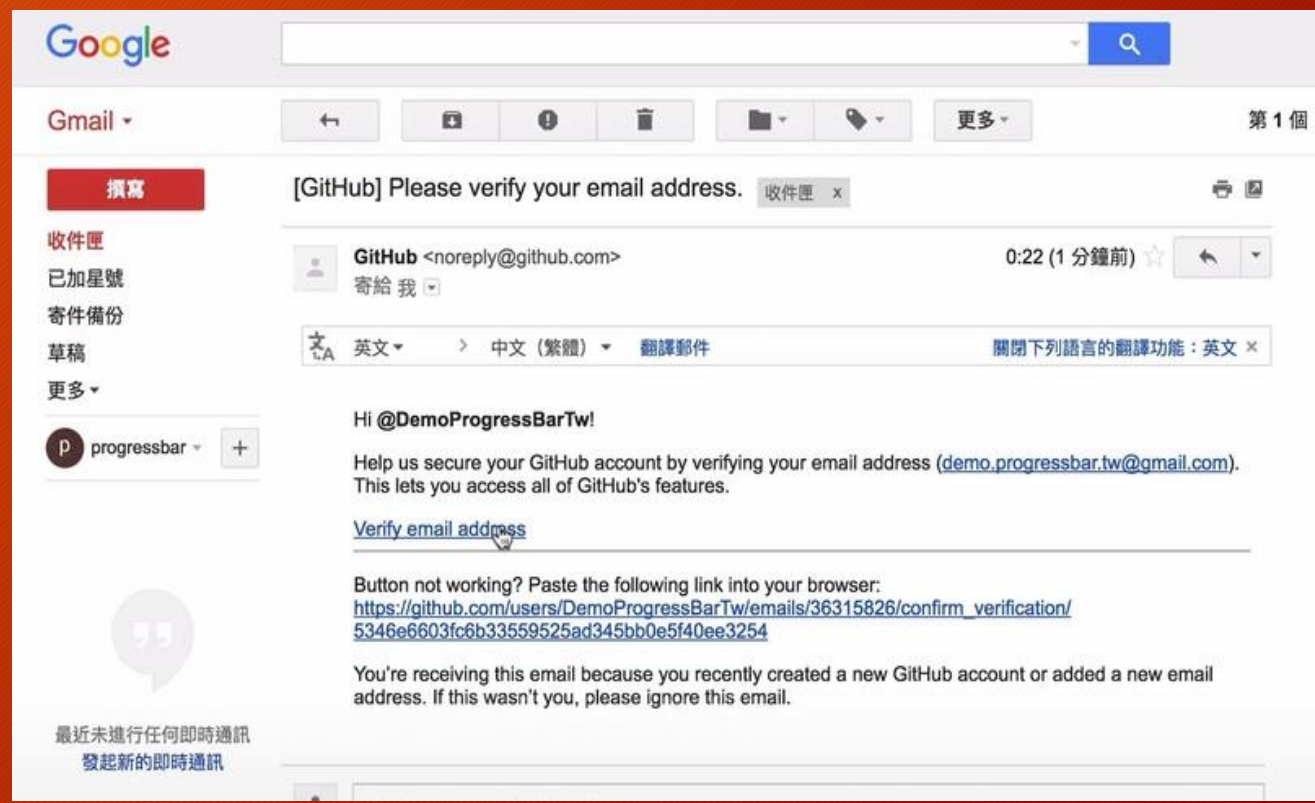
認證 Email



## Please verify your email address

Before you can contribute on GitHub, we need you to verify your email address.  
An email containing verification instructions was sent to **bungee.ilinke@gmail.com**.

Didn't get the email? [Resend verification email](#) or [change your email settings](#).

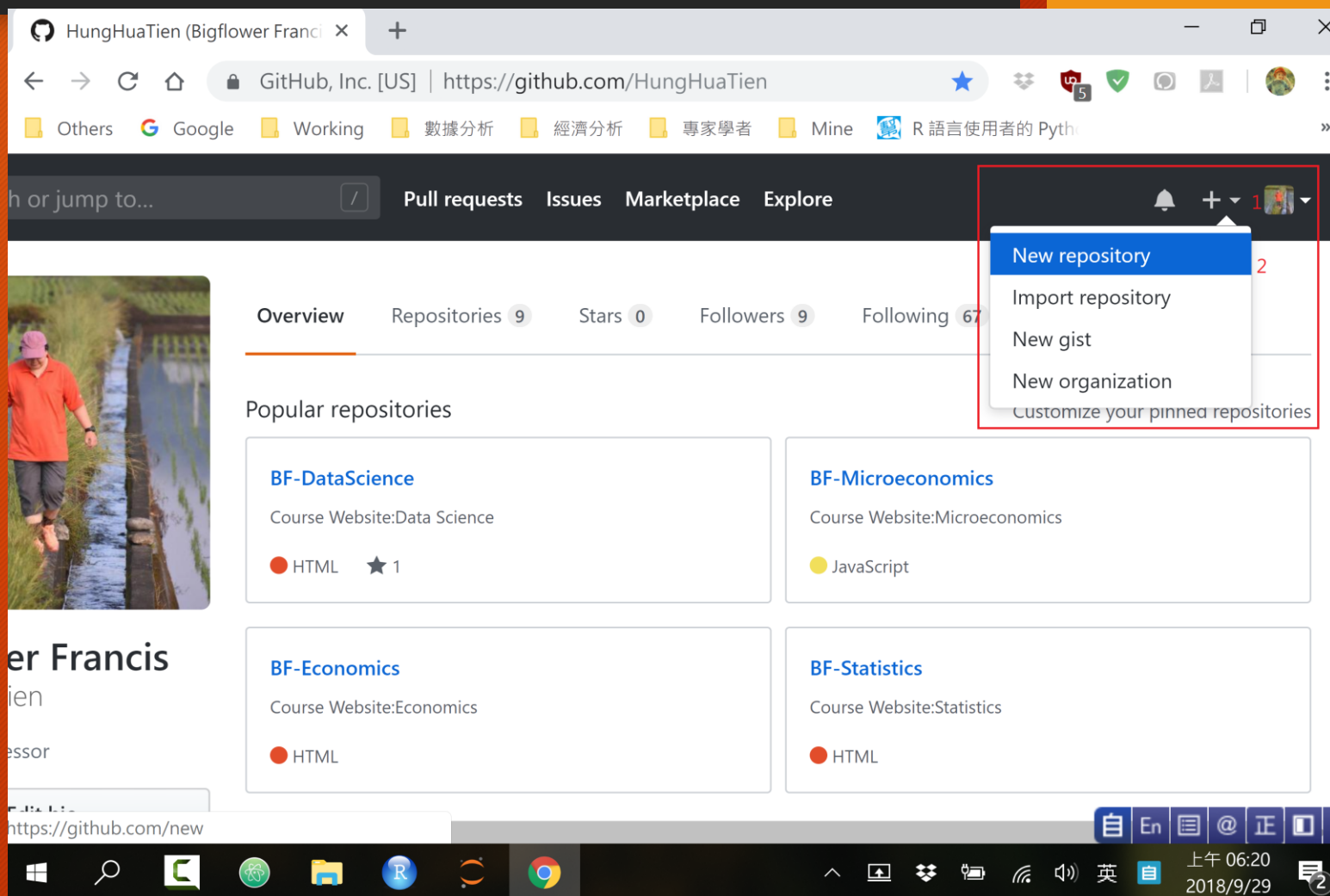




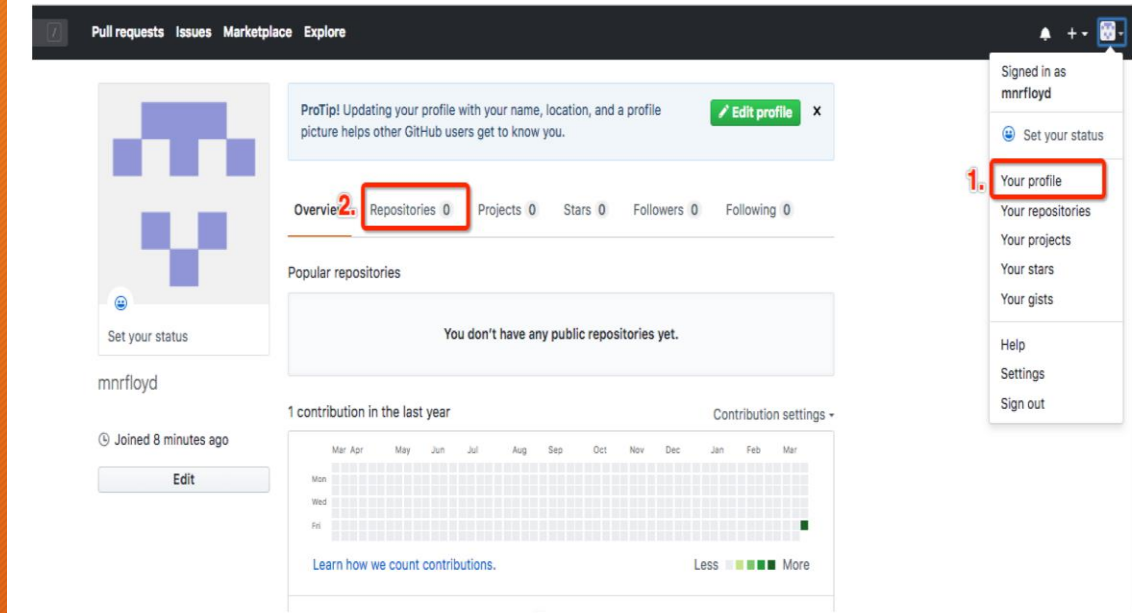
成功註冊後，請登錄設定程式庫，存放作業檔案。

# Step1: 設立程式庫（專案）

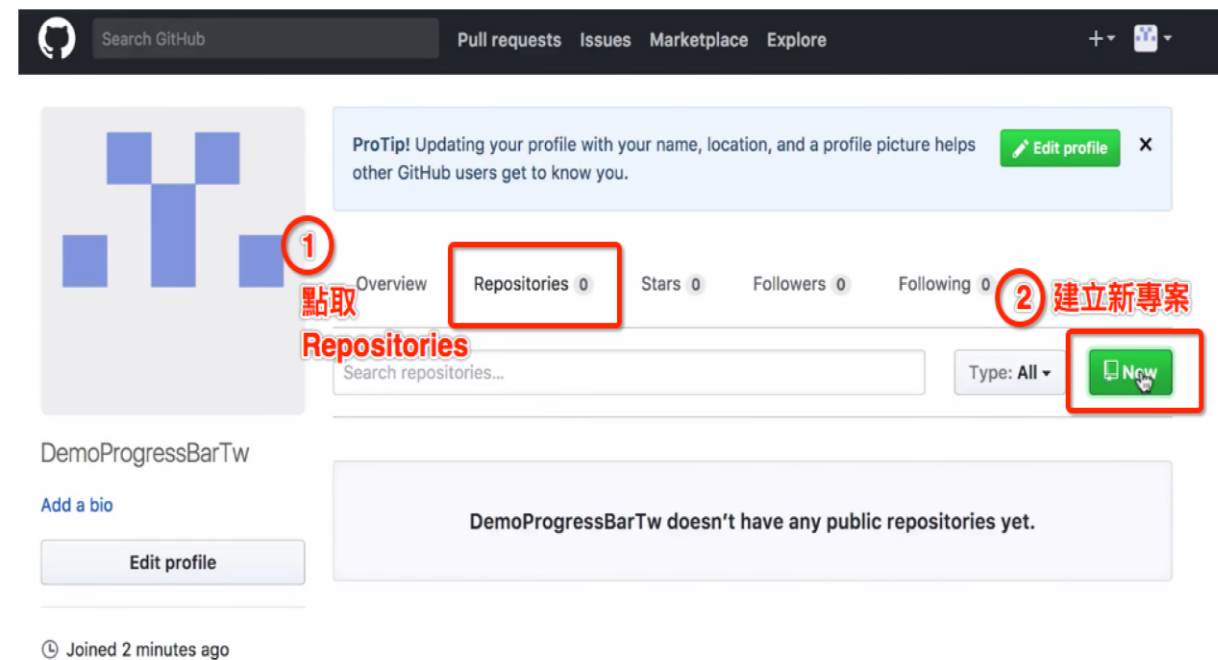
- 請按菜單上的`+`號
- 選`New repository`



## 點擊 your profile，點擊 repositories 專案



點進 Repositories，點擊右邊的「New」來建立一個新的程式庫。



方法：建立專案（程式庫）



# 請依序輸入下面資訊

- (1) 輸入 `Repository name`  
(Computational Thinking and Program Design)
- (2) 輸入 `Description` (運算思維與程式設計)
- (3) 選擇 `Public`
- (4) 勾選 `Initialize this repository with a README`
- (5) 最後按 `Create Repository` 完成程式庫設定。

Owner: HungHuaTien / Repository name: Introduction to Data Science ✓

Great repository names are s Your new repository will be created as Introduction-to-Data-Science ess.

Description (optional): 資料科學概論與應用課程 - 線上輔助學習影片

☒ Public  
Anyone can see this repository. You choose who can commit.

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

☒ Initialize this repository with a README  
This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: None | Add a license: None ⓘ

Create repository

## Step2: 上傳作業到程式庫（專案）

～在桌面準備好檔案。

- 裡面放作業檔案

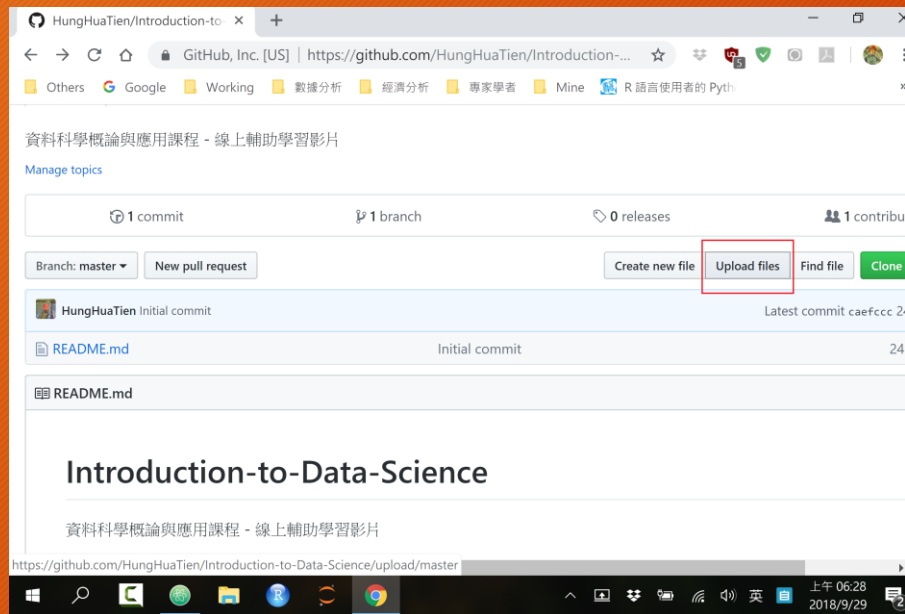
- 運算思維\_日期\_編號，  
`think_20200301_1.ipynb`。

～在Github程式庫

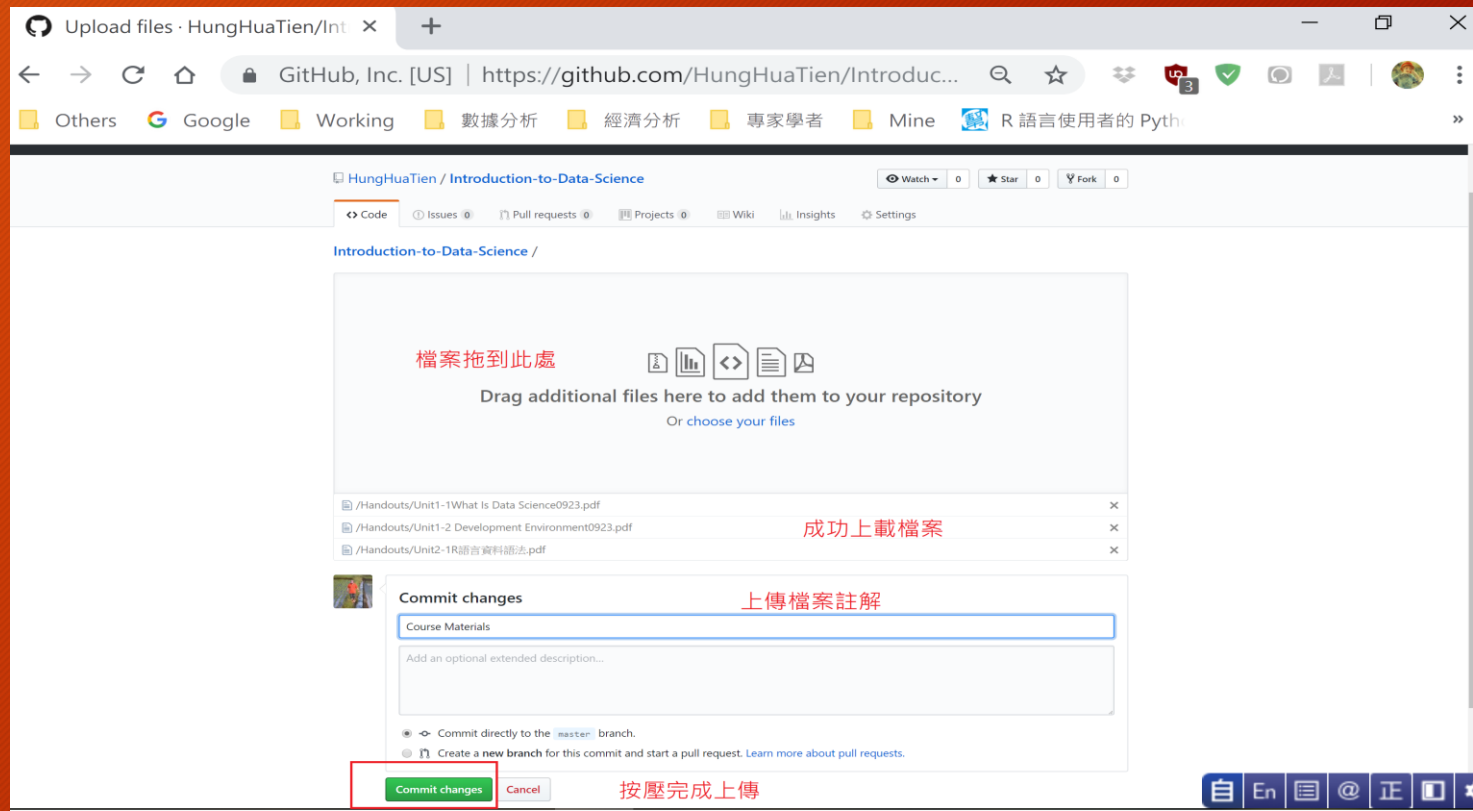
- 選`Upload files`按鈕
- 直接將子目錄與檔案拖入
- 等待檔案上傳完畢
- 再加上說明文字
- 按`Commit Changes`鍵

# Step2: 上傳作業到程式庫

## 第一步驟選擇上傳檔案



## 再四個步驟成功上傳





## 常用功能：程式庫與檔案

程式庫：修改名稱、刪除

檔案：刪除與下載

# 修改（專案）名稱

ChaoTzuJung / project-1

Watch 0 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Pulse Graphs Settings

**Options**

- Collaborators
- Branches
- Webhooks
- Integrations & services
- Deploy keys

**Settings**

Repository name

project-1 Rename

**Features**

- ☒ **Wikis**  
GitHub Wikis is a simple way to let others contribute content. Any GitHub user can create and edit pages to use for documentation, examples, support, or anything you wish.
- ☒ **Restrict editing to collaborators only**  
Public wikis will still be readable by everyone.
- ☒ **Issues**  
GitHub Issues adds lightweight issue tracking tightly integrated with your repository. Add issues to milestones, label issues, and close & reference issues from commit messages.

**Merge button**

When merging pull requests, you can allow any combination of merge commits, squashing, or rebasing. At least one option must be enabled.

- ☒ **Allow merge commits**  
Add all commits from the head branch to the base branch with a merge commit.
- ☒ **Allow squash merging**  
Combine all commits from the head branch into a single commit in the base branch.
- ☒ **Allow rebase merging**  
Add all commits from the head branch onto the base branch individually.

# 刪除專案

☒ Allow rebase merging  
Add all commits from the head branch onto the base branch individually.

### GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

#### Source

GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository. [Learn more.](#)

None ▾

Save

#### Theme chooser

Select a theme to build your site with a Jekyll theme using the `master` branch. [Learn more.](#)

Choose a theme

### Danger Zone

#### Make this repository private

Please [upgrade your plan](#) to make this repository private.

Make private

#### Transfer ownership

Transfer this repository to another user or to an organization where you have the ability to create repositories.

Transfer

#### Delete this repository

Once you delete a repository, there is no going back. Please be certain.

Delete this repository

### GitHub Pages

Are you **ABSOLUTELY** sure?

Unexpected bad things will happen if you don't read this!

This action **CANNOT** be undone. This will permanently delete the **ChaoTzuJung/project-1** repository, wiki, issues, and comments, and remove all collaborator associations.

Please type in the name of the repository to confirm.

project-1

I understand the consequences, delete this repository

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