

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/>

- `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



² Sign in

¹ 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

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

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。

The screenshot shows the GitHub registration interface. At the top, there are three steps: Step 1: Create personal account (active), Step 2: Choose your plan, and Step 3: Tailor your experience. The main section is titled 'Create your personal account'. It contains three input fields: 'Username' with the value 'DemoProgressBarTw' and a green checkmark, 'Email Address' with the value 'demo.progressbar.tw@gmail.com' and a green checkmark, and 'Password' with masked characters and a green checkmark. Below the password field is a note: 'Use at least one lowercase letter, one numeral, and seven characters.' To the right of the form is a box titled 'You'll love GitHub' containing the text 'Unlimited collaborators', 'Unlimited public repositories', and three bullet points: 'Great communication', 'Frictionless development', and 'Open source community'. At the bottom, there is a disclaimer: 'By clicking on "Create an account" below, you are agreeing to the Terms of Service and the Privacy Policy.' Below this is a green button labeled 'Create an account', which is highlighted by a red rectangle.

Step 1: Create personal account

Step 2: Choose your plan

Step 3: Tailor your experience

Create your personal account

Username

DemoProgressBarTw ✓

This will be your username — you can enter your organization's username next.

Email Address

demo.progressbar.tw@gmail.com ✓

You will occasionally receive account related emails. We promise not to share your email with anyone.

Password

..... ✓

Use at least one lowercase letter, one numeral, and seven characters.

By clicking on "Create an account" below, you are agreeing to the Terms of Service and the Privacy Policy.

Create an account

You'll love GitHub

Unlimited collaborators

Unlimited public repositories

- ✓ Great communication
- ✓ Frictionless development
- ✓ Open source community


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



You'll love GitHub

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

Create an account


Step2:選擇免費及付費方案


~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。

Welcome to GitHub

You've taken your first step into a larger world, @DemoProgressBarTw.

 Completed
Set up a personal account

 Step 2:
Choose your plan

 Step 3:
Tailor your experience

Choose your personal plan

☒ Unlimited public repositories for free.

☐ Unlimited private repositories for \$7/month.

Don't worry, you can cancel or upgrade at any time.

☐ **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](#)

Both plans include:

- ✓ Collaborative code review
- ✓ Issue tracking
- ✓ Open source community
- ✓ Unlimited public repositories
- ✓ Join any organization

Step3:填寫問卷

~直接選擇[Skip this step]

- 或者隨便勾一勾，然後按[Submit]。

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?

e.g. tutorials, android, ruby, web-development, machine-learning, open-source

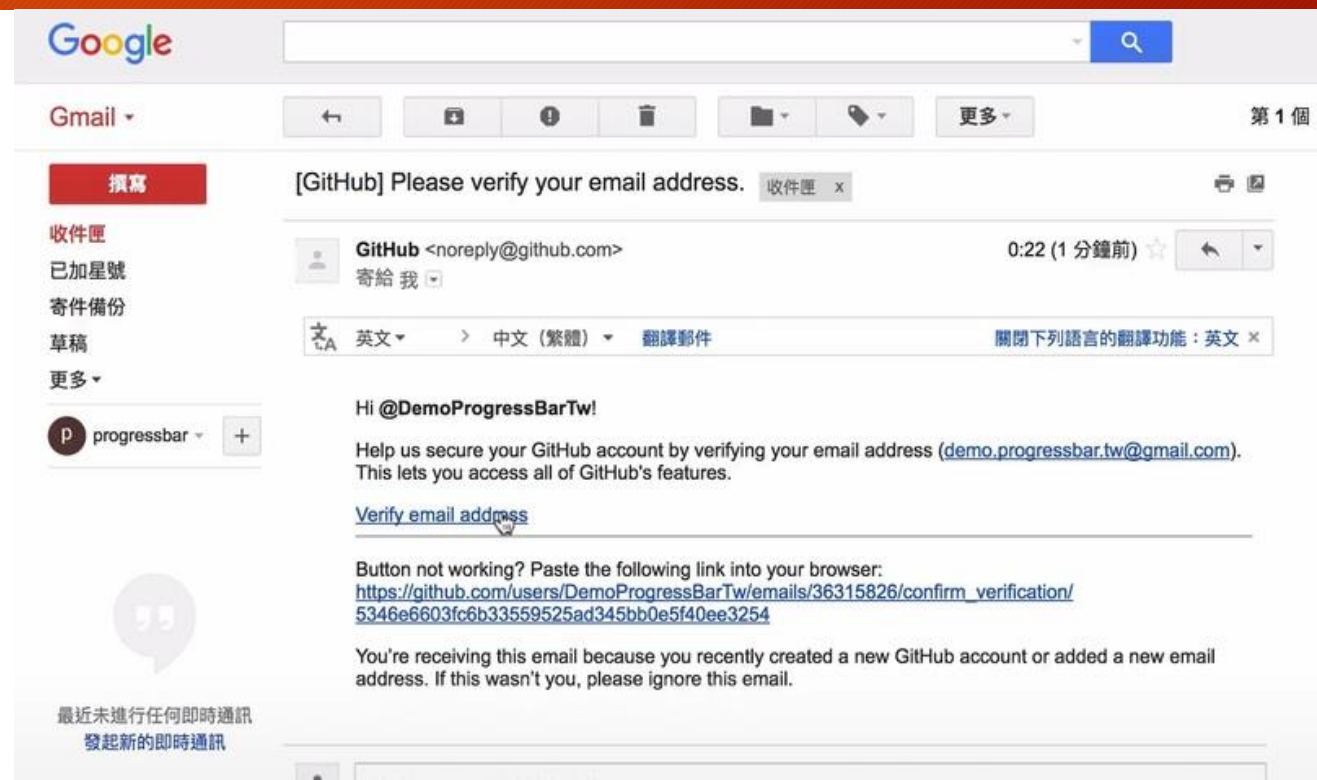
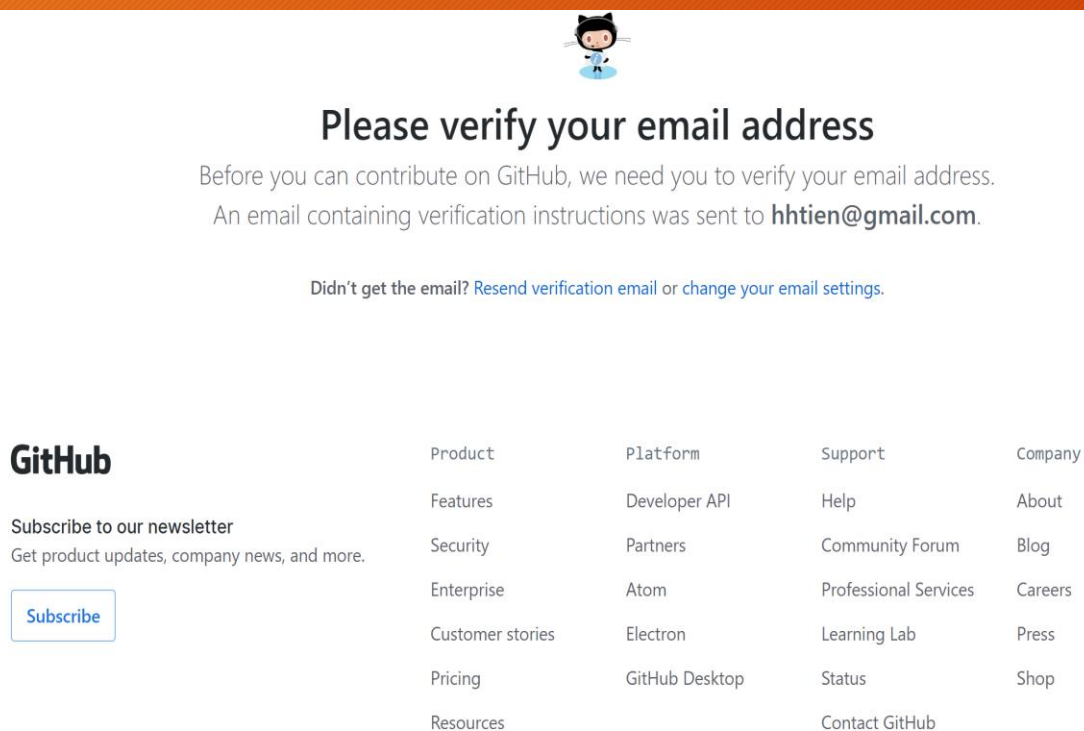
Submit

[skip this step](#)

Step4: 電郵確認即註冊成功

請至剛剛申請註冊的電郵信箱收GitHub的驗證信件，並完成帳號驗證程序。

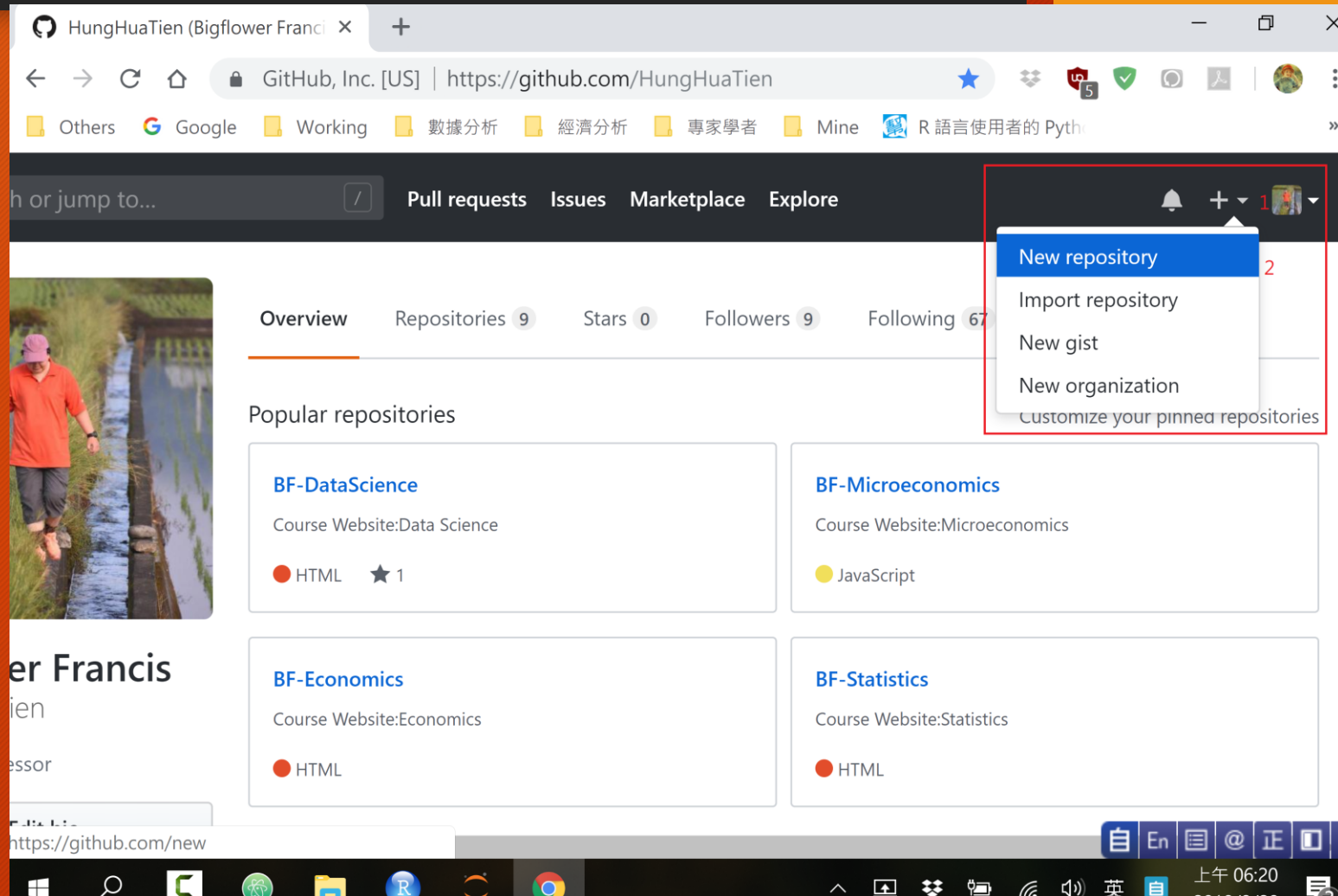
完成驗證後連進GitHub登入畫面，直接點進「Your profile」



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

- 請按菜單上的`+`號
- 選`New repository`



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

～在桌面準備好檔案。

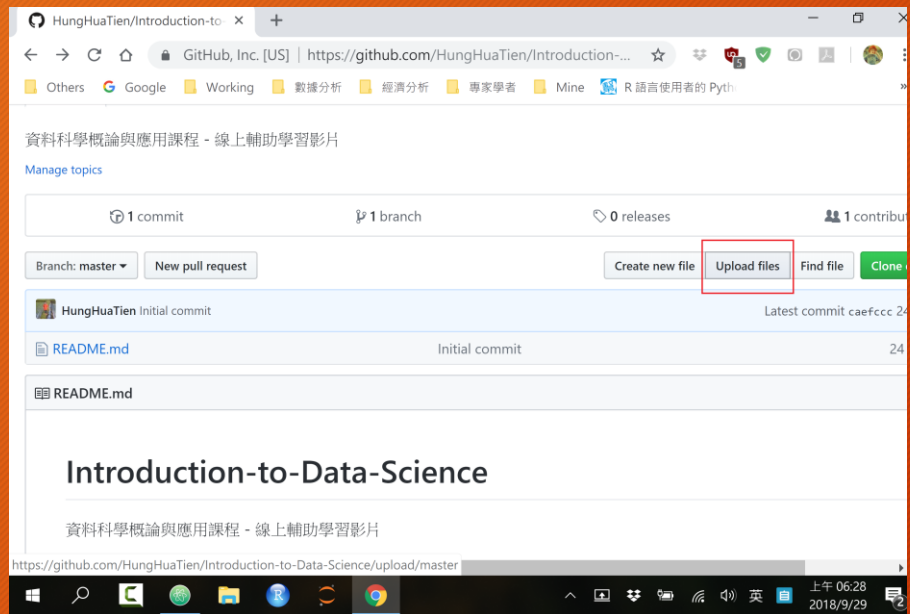
- 子目錄**Week 1**
- 裡面放作業檔案

～在Github程式庫

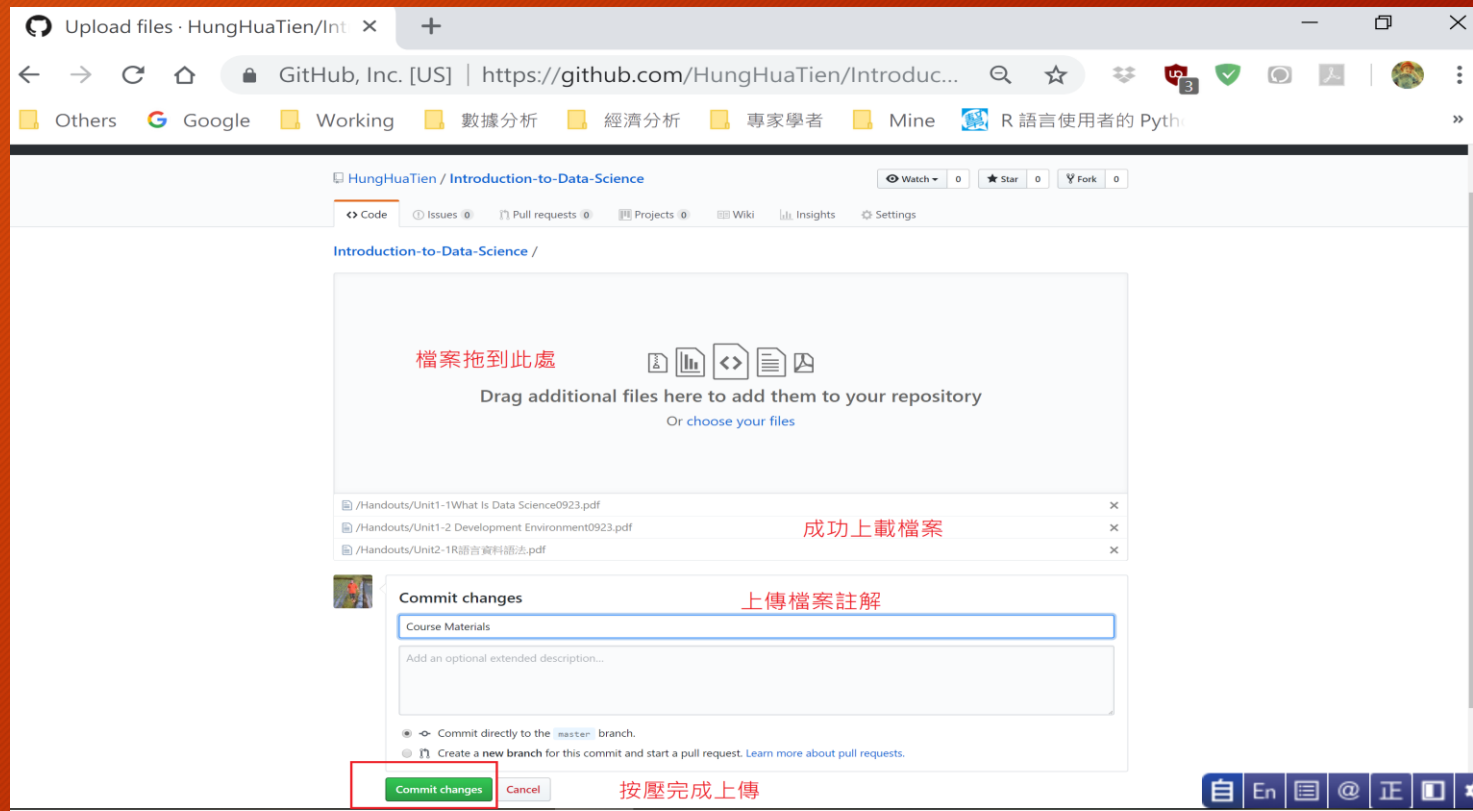
- 選`**Upload files**`按鈕
- 直接將子目錄與檔案拖入
- 等待檔案上傳完畢
- 再加上說明文字
- 按`**Commit Changes**`鍵

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