

學校帳號申請教育版 GitHub Copilot Pro

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助教:郭峻廷



01

驗證學生信箱

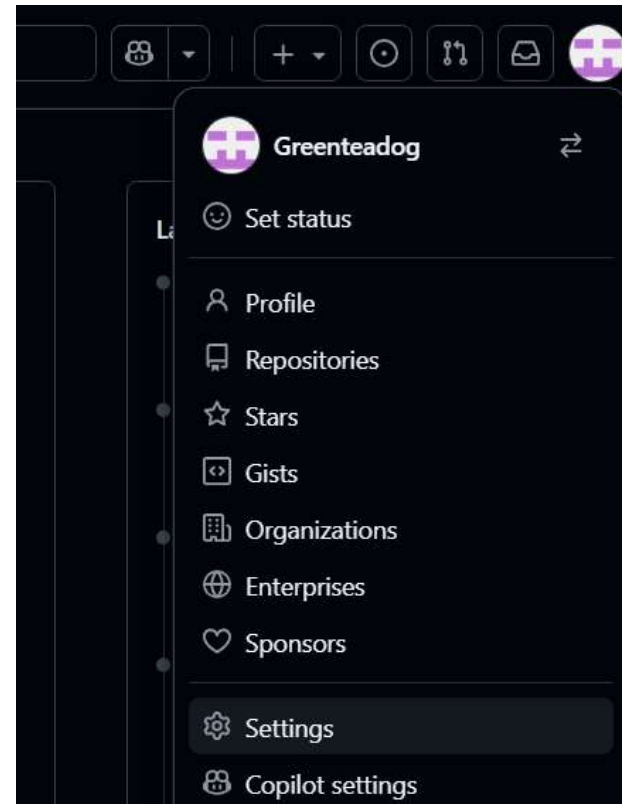
學生信箱

[零基礎GitHub教學，小白也能看懂](#) | [如何一鍵獲取資源，解鎖全球最大寶藏網站](#) | [GitHub tutorial](#)

登入你的[GitHub](#)

點擊右上方的「**個人檔案**」

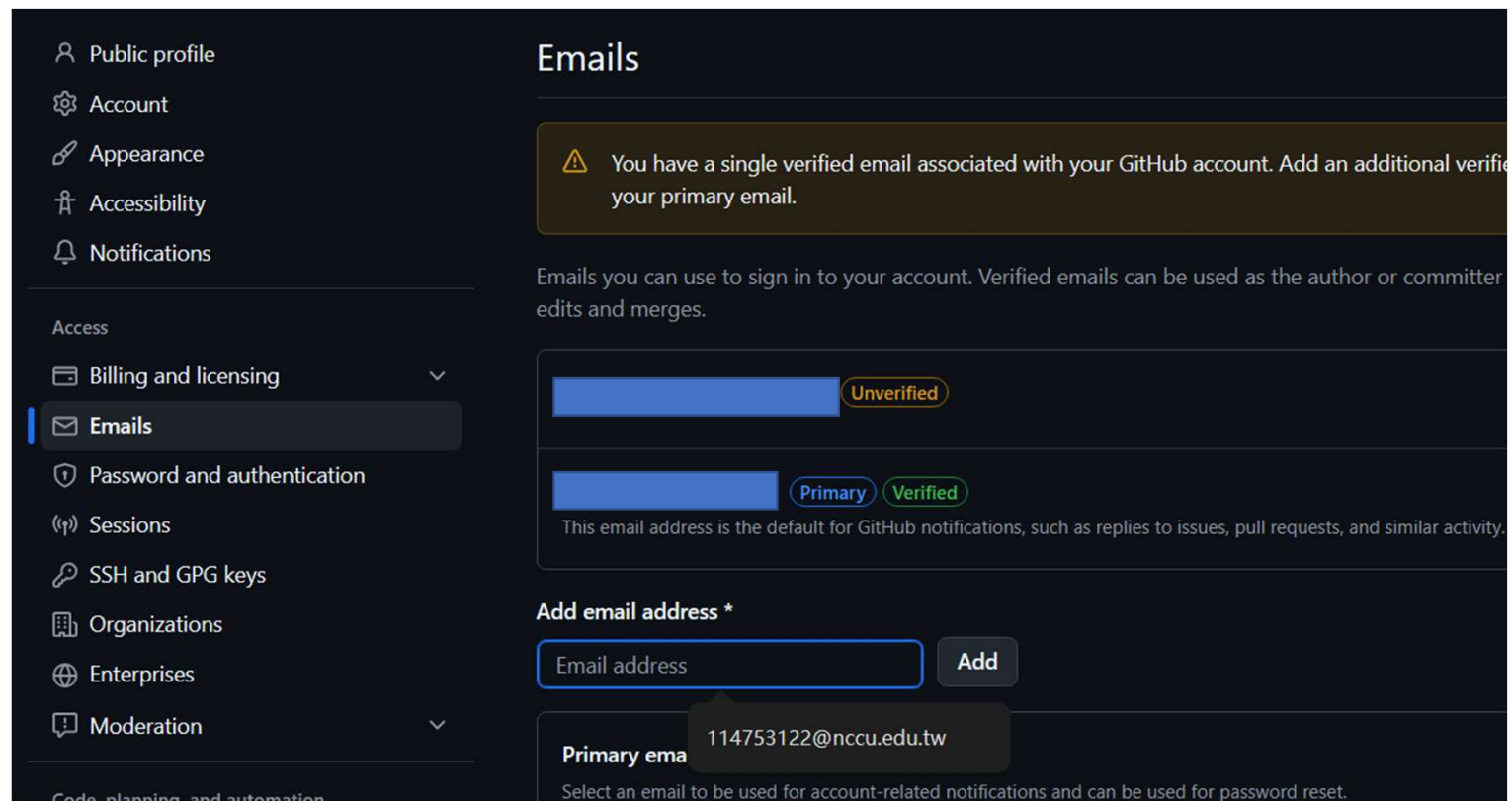
找到「**Settings**」



學生信箱

找到「Emails」，會有一個
Add email address的地方

在這邊輸入「學校信箱」
記得按下「Add」





GitHub會寄一封「**認證信**」

請你到剛才填的信箱去收信

來源: GitHub <noreply@github.com> [+](#)
標題: [GitHub] Please verify your email address.
日期: Wed, 08 Oct 2025 15:22:06



純文字

HTML

Almost done!

To secure your GitHub account, we just need to verify your email address: 114753122@nccu.edu.tw.

Verify email address

Almost done!

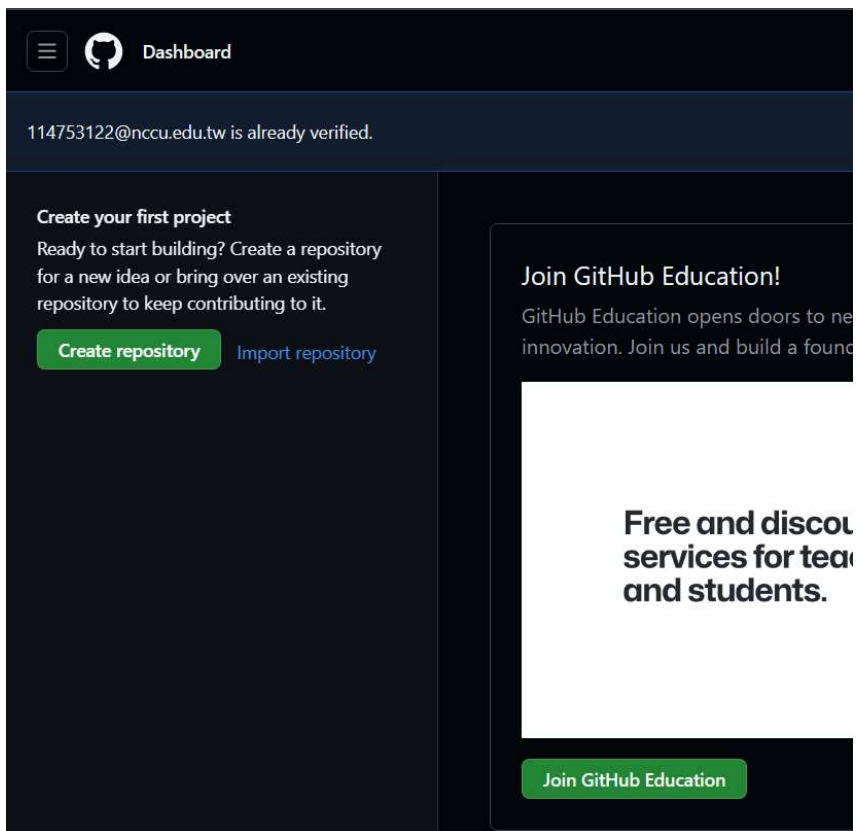
To secure your GitHub account, we just need to verify your email address:
114753122@nccu.edu.tw.

Verify email address

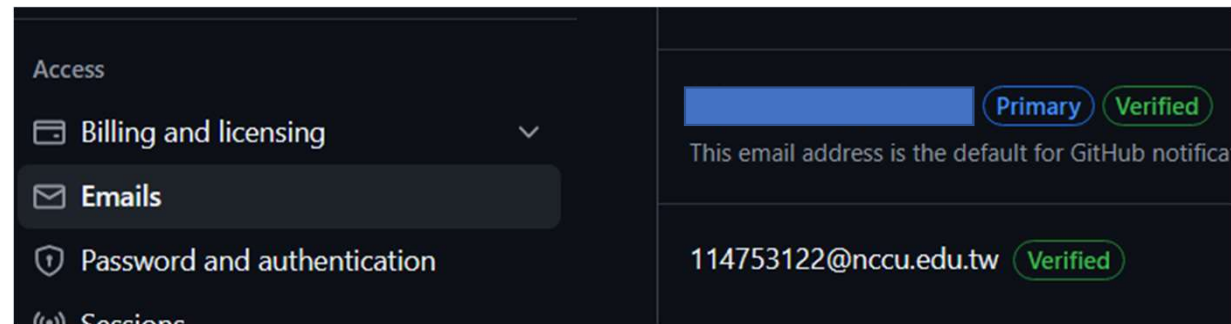
如果出現純文字，請轉HTML

點擊「**Verify email address**」

GitHub告訴你：「已經完成認證」



到「Emails」的區塊確認一下：學校信箱要出現才算成功～





02

驗證學生身分

IRL passes are going fast—secure your spot at Universe 2025 today. [Register now.](#) ×



Sign in

Education



GitHub Education

Empowering the next generation of developers

GitHub Education bridges the gap between coding education and a tech career, and is accessible to everyone globally at no cost.

Join GitHub Education

接下來建議用「**手機**」操作

進入[GitHub Education](#)

點擊「**Join GitHub Education**」

【備註】因為你有可能需要拍證明文件，手機畫素比電腦高，照片清楚一點比較好。



Education Benefits

Complete a teacher or student application to unlock tools and resources for your education.

[Start an application](#)

點擊 **Start an application**
選擇「**Student**」，填入學校與信箱
沒問題後，就點「**Continue**」。



Education Benefits Application

Select your role in education: *

☐ Teacher

☒ Student



You have verified the email address 114753122@nccu.edu.tw on your GitHub account. That academic domain is associated with the school National Chengchi University.

[Select this school](#)

What is the name of your school? *

If your school is not listed, then enter the full school name and continue. You will be asked to provide further information about your school on the next page. A minimum of two characters is required to find your school.

What is your school email address? *

Have a different email address you use with your school? [Add it here.](#)

[Privacy Policy](#)

[Share Location](#)

[Continue](#)

跳出後點擊「**這次允許**」



github.com/setting



27



Education Benefits Application



github.com 要求使用裝置的位置資訊

造訪這個網站時允許

這次允許

一律不允許

Have a different email address you use with your school? [Add it here.](#)

[Privacy Policy](#)

[Getting location...](#)

[Continue](#)

 Education Benefits Application

What is your school's website?

What academic email does your school provide to teachers?

name@teacher.yourschool.edu

What academic email does your school provide to students?

name@students.yourschool.edu

How would you describe your school? *

Select one

How many students are enrolled at your school?

Select one

Street address

City *

Country *

Select one

跳出左邊頁面

右圖為建議輸入內容
(學號用自己的)

 教育福利申請

你們學校的網站是什麼？

https://www.nccu.edu.tw/

你們學校提供老師什麼學術信箱？

sichiu@nccu.edu.tw

貴校提供什麼學術信箱？

114753122@nccu.edu.tw

您如何描述您的學校？ *

高等教育：大學、學院

你們學校有多少名學生？

10,000 - 20,000

街道地址

文山區指南路二段64號

城市 *

臺北市

國家 *

台灣

教育福利申請

請選擇您想要提供的證明類型 *

選擇一個

有效的教育證明是什麼？

良好的證明類型表明學術聯繫文件最有可能幫助您獲得批准。

公平的證明類型可能會降低您獲得批准的機會。

品質較差的證明類型不太可能被接受。



點擊選擇一個=>選1.

選擇一個

1. 註明日期的學校 ID - 良好 ☒
2. 註明日期的官方/非正式成績單 - 一般 ☐
3. 學校抬頭紙上註明日期的入學通知書 - 一般 ☐
4. 本學期課程安排表 - 差 ☐
5. 課程大綱過時 - 差 ☐
6. 財務主管開立的註明日期的收據 - 差 ☐
7. 過期的獎學金/助學金證明信 - 差 ☐
8. 其他（例如：學校入口網站的截圖） - 差 ☐

國立政治大學 114 學年度第 1 學期在學證明
National Chengchi University 2025 Fall Semester
Certificate of Enrollment

日期 Date : 2025/10/08

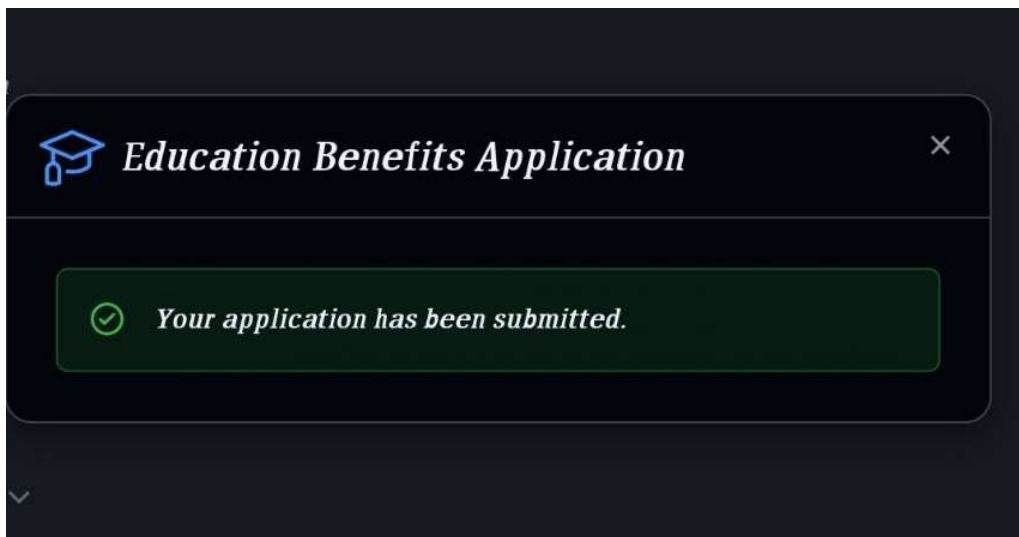
學號 Student ID	114753122
姓名 Name	郭峻廷 GUO, JUN-TING
學院 College	資訊學院 College of Informatics
系所 Department	資訊科學系 Department of Computer Science
年級 Year	一年級 First Year
學制 Program	碩士班 Master's Program

第一學期(Fall Semester): 每年8月1日起至隔年1月31日(From August 1st of each year to January 31st of the following year.)
第二學期(Spring Semester): 每年2月1日起至同年7月31日(From February 1st to July 31st of each year.)

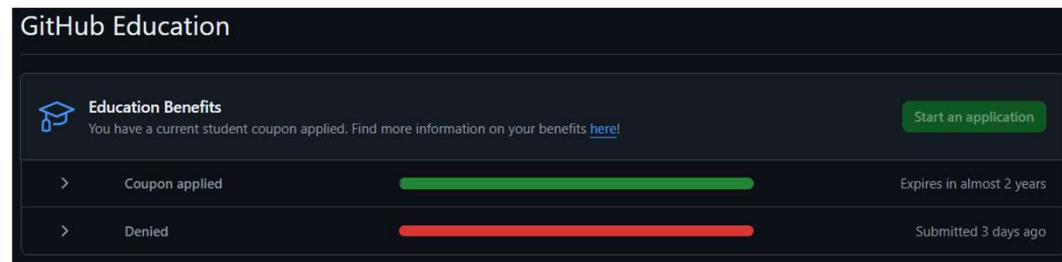
本證明書列印後即為正本，不再加蓋註冊章。
This certificate was issued electronically and conforms to the original.



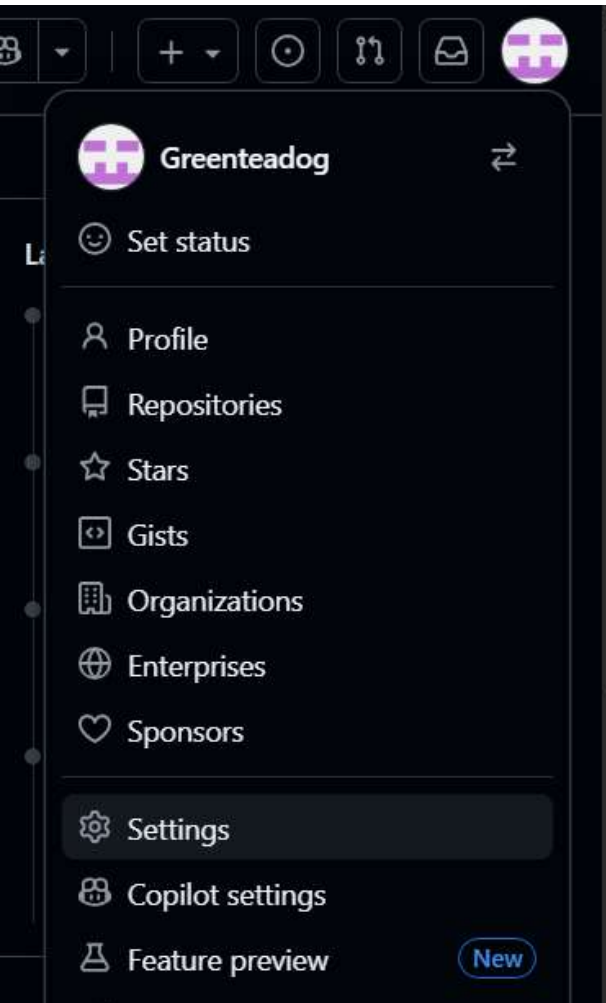
Google搜尋 : 政大在學證明



申請完成
#如沒出現下圖的紅色長條(直接跳到第21頁)



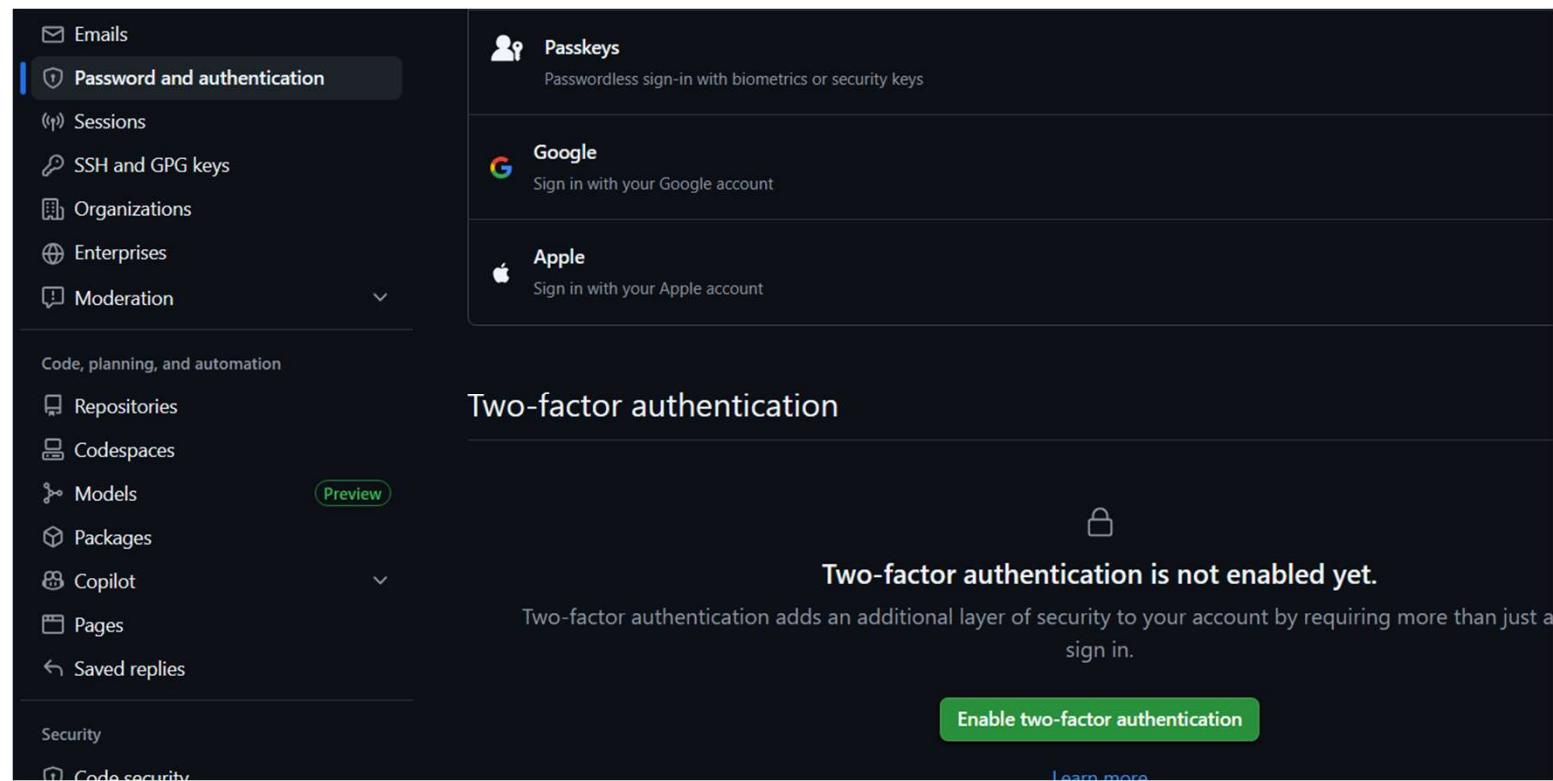
沒過驗證



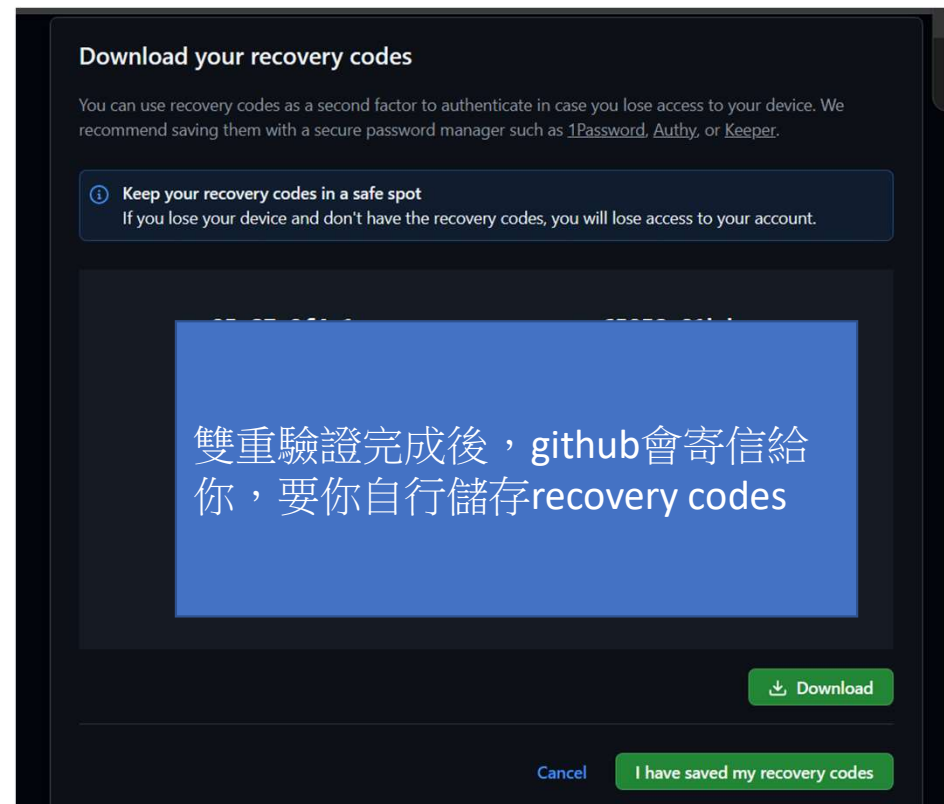
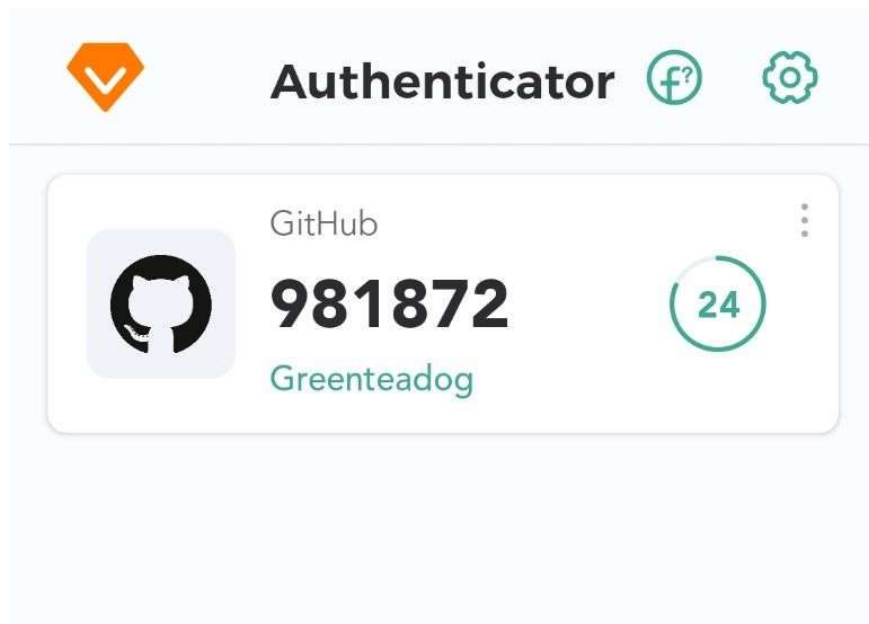
1. 登入你的 [GitHub 帳號](#)

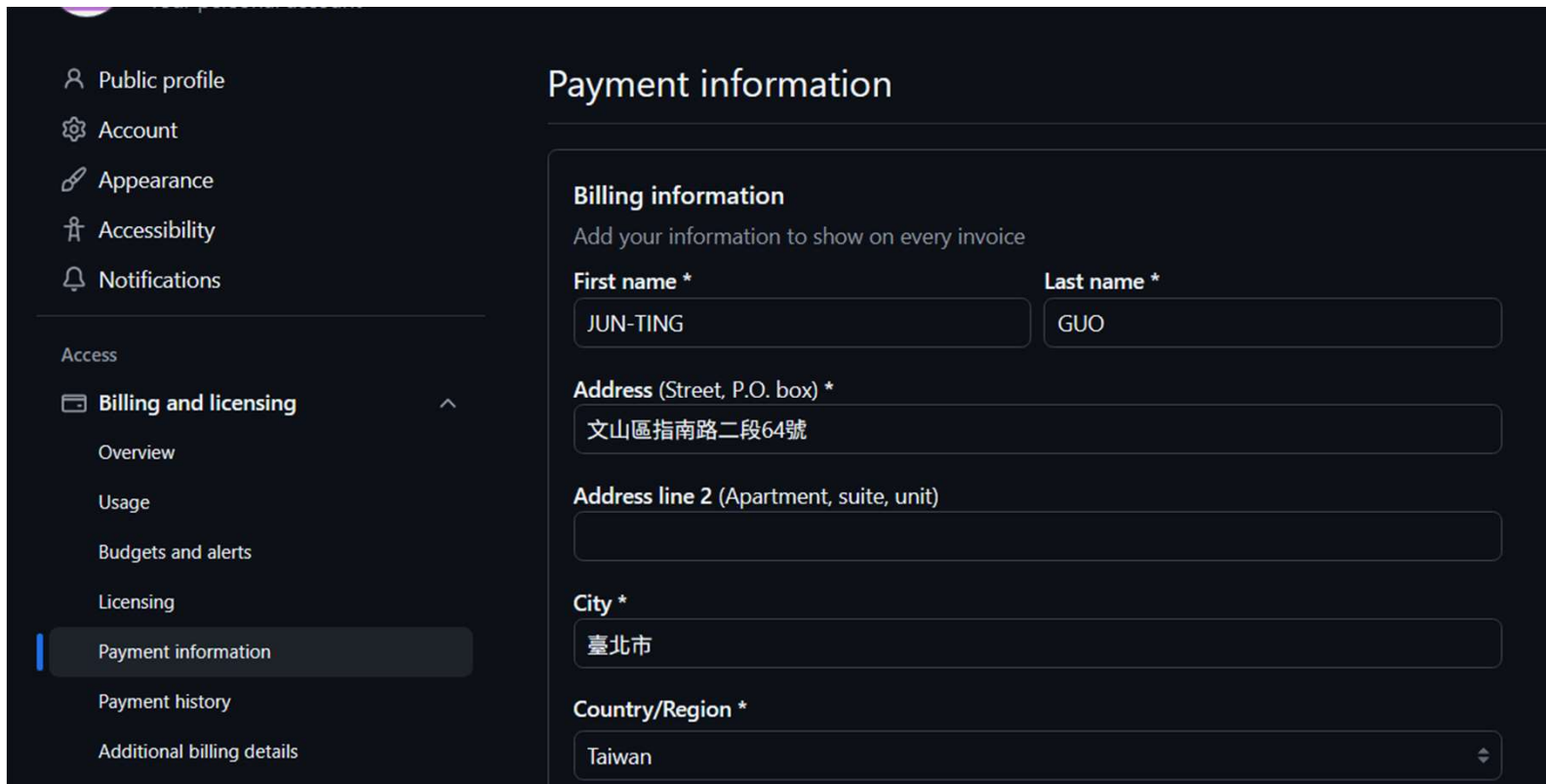
右上角大頭貼 → Settings →

左側選單點 Password and authentication →
在「Two-factor authentication」那一區
點 “Enable two-factor authentication”



會跳出選項，建議用 Authentication app





Public profile

Account

Appearance

Accessibility

Notifications

Access

Billing and licensing

Overview

Usage

Budgets and alerts

Licensing

Payment information

Payment history

Additional billing details

Payment information

Billing information

Add your information to show on every invoice

First name * JUN-TING

Last name * GUO

Address (Street, P.O. box) * 文山區指南路二段64號

Address line 2 (Apartment, suite, unit)

City * 臺北市

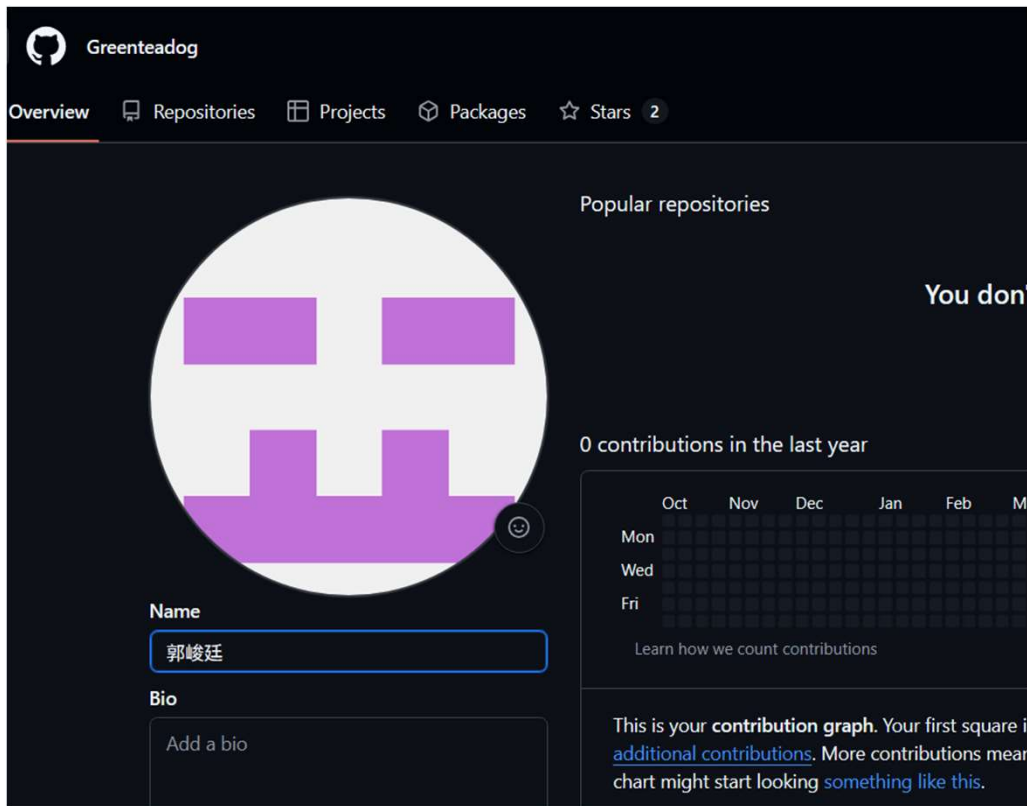
Country/Region * Taiwan

2. 填寫 [Billing Information](#)（帳單資訊）

在「Payment information」區域填入：Full name（全名）→ 寫和學生證上一樣的名字

不要填信用卡資訊或付款方式!!!

儲存設定後，登出再登入一次 GitHub



3. 更新 Profile 名字

在「Name」欄位填上你的 全名
(英文or中文姓名， 必須與上傳文件一致)

點「Update profile」儲存

登出後再登入

完成後就可以再次前往
[GitHub Education](#)
重新申請了

GitHub 教育

**教育福利**

完成教師或學生申請，以解鎖您的教育之旅所需的工具和資源。

啟動應用程式

▽

得到正式認可的

3分鐘前提交

2025年10月8日核准

申請類型：學生

您的學業狀態已驗證。恭喜！

您的學術福利（包括合作夥伴優惠）將在您驗證後的 72 小時內生效。

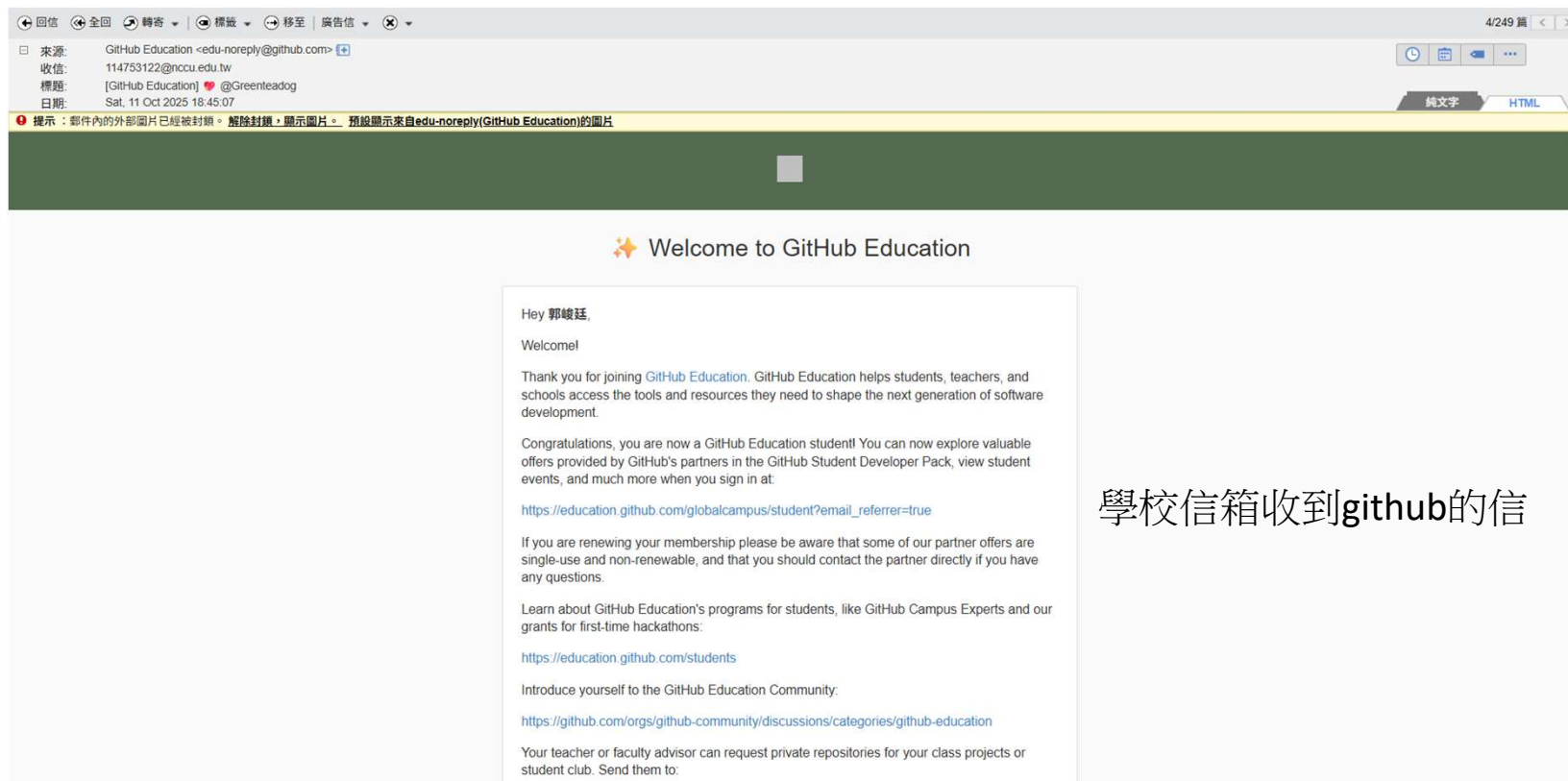
一旦這些福利可用，您將能夠[在此處](#)存取學生開發者包優惠。

[要兌換您的 Copilot Pro 優惠券，請透過此連結註冊。](#)

我們希望您享受 GitHub Education 帶來的好處。

您的福利將於2027 年 10 月 8 日到期。

驗證通過 教育版功能解鎖(等72小時)



驗證點[這個](#)網站 => Apply to Github Edu as a student => Edu benefits

This screenshot shows the GitHub Docs page for 'Getting free access to GitHub Copilot Pro as a student, teacher, or maintainer'. The page is titled 'Getting free access to GitHub Copilot Pro as a student, teacher, or maintainer' and includes a sub-header 'Learn how to use Copilot Pro for free as a student, teacher, or open-source maintainer.' The main content area is titled 'About free GitHub Copilot Pro access' and lists three ways to qualify for free access to Copilot Pro: 'As a verified student on GitHub Education', 'As a verified teacher on GitHub Education', and 'As a maintainer of a popular open-source repository'. The link 'Apply to GitHub Education as a student' is highlighted with a red box. The left sidebar shows the 'GitHub Copilot' section with various links like 'Get started', 'Concepts', 'How-tos', 'Set up', 'Get code suggestions', 'Chat with Copilot', 'Use Copilot agents', 'Use AI models', 'Provide context', 'Configure custom instructions', 'Configure content exclusion', 'Use Copilot for common tasks', 'Configure personal settings', 'Manage and track spending', and 'Manage your account'.

GitHub Docs | Version: Free, Pro, & Team | Search or ask Copilot

← Home

GitHub Copilot

Get started
Concepts
How-tos
Set up
Get code suggestions
Chat with Copilot
Use Copilot agents
Use AI models
Provide context
Configure custom instructions
Configure content exclusion
Use Copilot for common tasks
Configure personal settings
Manage and track spending
Manage your account

GitHub Copilot / How-tos / Manage your account /

Getting free access to GitHub Copilot Pro as a student, teacher, or maintainer

Learn how to use Copilot Pro for free as a student, teacher, or open-source maintainer.

About free GitHub Copilot Pro access

There are three ways to qualify for free access to Copilot Pro:

- As a verified student on GitHub Education. To learn about becoming a verified student, see [Apply to GitHub Education as a student](#).
- As a verified teacher on GitHub Education. To learn about becoming a verified teacher, see [Apply to GitHub Education as a teacher](#).
- As a maintainer of a popular open-source repository. To determine if you are an eligible maintainer, see [Accessing Copilot Pro for free](#).

GitHub reevaluates your eligibility every month.

This screenshot shows the GitHub Docs page for 'What documents can I use to prove I'm a student?' and 'Applying to GitHub Education'. The page is titled 'What documents can I use to prove I'm a student?' and lists four documents: 'A picture of your school ID with current enrollment date', 'Your class schedule', 'Your transcript', and 'An affiliation or enrollment verification letter'. The page is also titled 'Applying to GitHub Education' and lists three steps: '1. Navigate to your Education benefits settings.', '2. Under "GitHub Education", click Start an application.', and '3. Complete the form, then click Submit application.' The link 'Education benefits' is highlighted with a red box. The left sidebar shows the 'GitHub Education' section with various links like 'Quickstart for educators', 'About GitHub Education', 'For students', 'About', 'Apply to GitHub Education', 'Troubleshooting access', 'About Community Exchange', 'Terms for Student Benefits', 'For teachers', 'At your institution', and 'GitHub Community Exchange'.

GitHub Docs | Version: Free, Pro, & Team | Search or ask Copilot

← Home

GitHub Education

Quickstart for educators
About GitHub Education
For students
About
Apply to GitHub Education
Troubleshooting access
About Community Exchange
Terms for Student Benefits
For teachers
At your institution
GitHub Community Exchange

What documents can I use to prove I'm a student?

- A picture of your school ID with current enrollment date
- Your class schedule
- Your transcript
- An affiliation or enrollment verification letter

Applying to GitHub Education

- Navigate to your [Education benefits](#) settings.
- Under "GitHub Education", click **Start an application**.
- Complete the form, then click **Submit application**.

Once your application is approved, navigate to your [GitHub Education portal](#) to use Education benefits, such as **free access** to professional developer tools.

已顯示有學生資格，**成功申請**GitHub教育版=>點擊[link](#)

GitHub Education



Education Benefits

You have a current student coupon applied. Find more information on your benefits [here!](#)

Start an application



Coupon applied



Expires in almost 2 years

Approved on October 08, 2025

Application Type: Student

Your academic status has been verified. Congratulations!

Your academic benefits, including Partner offers, will become available after 72 hours of your verification.

Once the benefits become available, you will be able to access the Students Developer Pack offers [here](#).

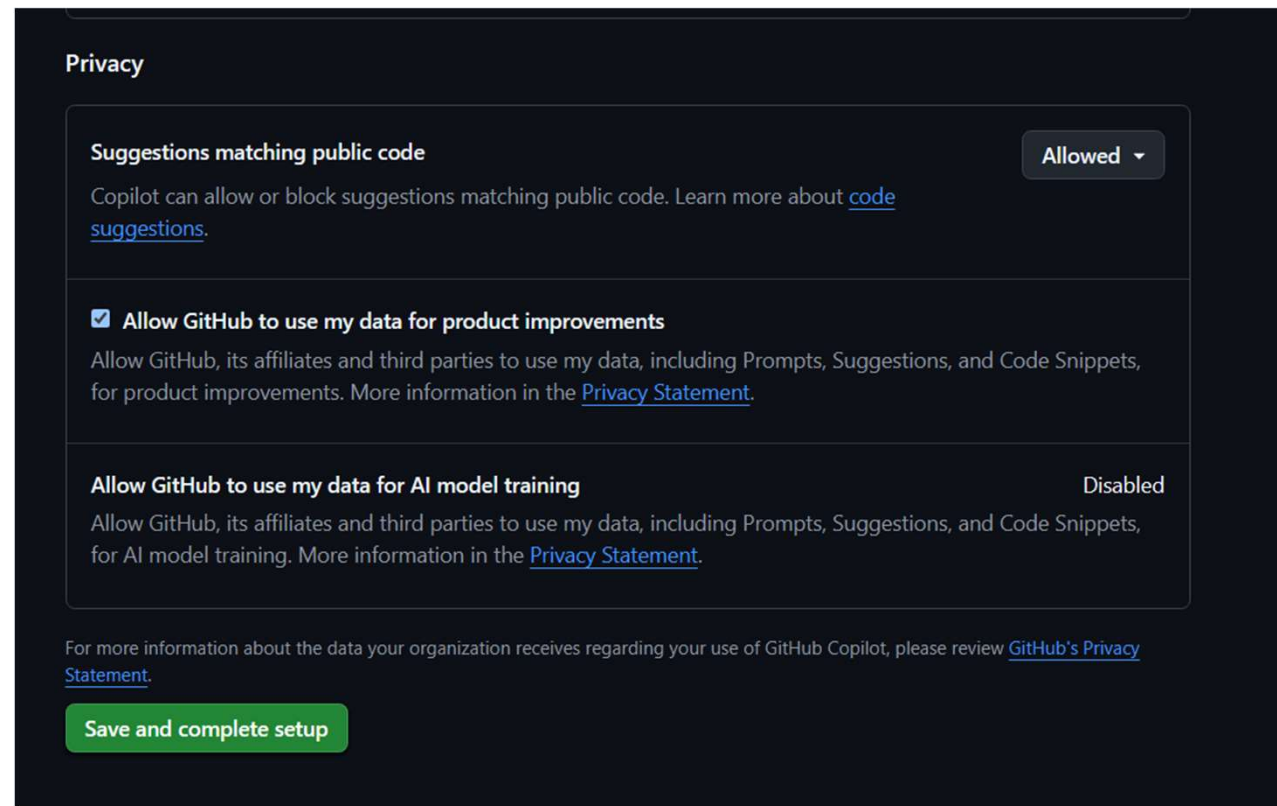
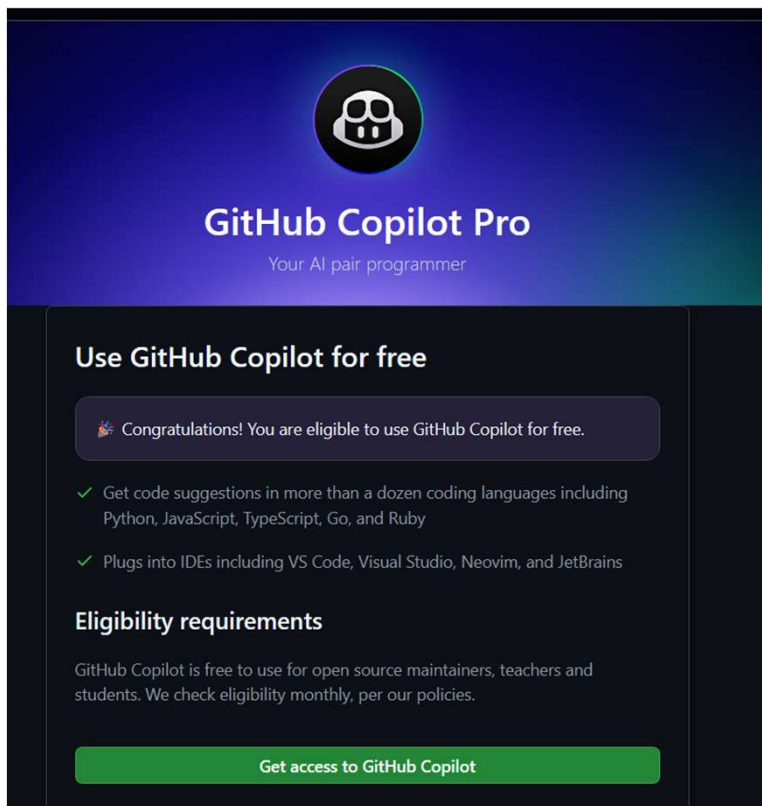
To redeem your Copilot Pro coupon, please sign up via this [link](#).

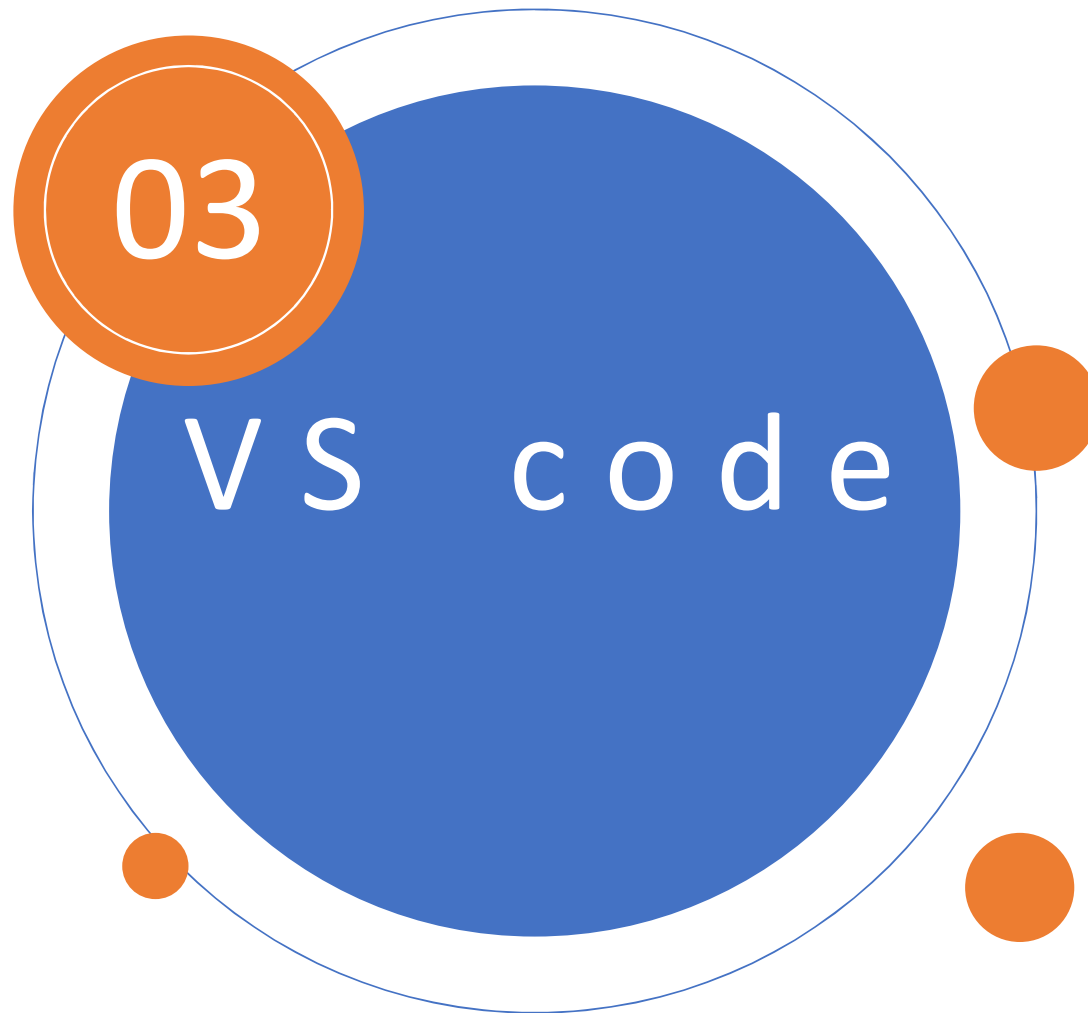
We hope you enjoy your GitHub Education benefits.

Your benefits will expire on **October 08, 2027**.

點擊綠色區域

下滑到底，點選 Allowed 和 Save and complete setup





打開 VS Code => Extension => 安裝github copilot、github copilot chat

The screenshot shows the Visual Studio Code interface with the Extensions Marketplace open. The search bar contains 'github'. The left sidebar lists several extensions, including GitHub Copilot, GitHub Copilot Chat, IntelliCode API Usage, and GitHub Copilot app moderator. The main panel displays the details for the GitHub Copilot extension, which is published by GitHub. It shows a high rating of 4.5 stars from 1016 reviews and a large number of installations (54,151,869). The extension is currently installed, and the interface offers options to Disable, Uninstall, or Switch to Pre-Release Version. The description of the extension is 'Your AI peer programmer'.

File Edit Selection View ... Search

EXTENSIONS: MARKETPLACE

github

GitHub Copilot 1623ms
Your AI pair programmer
GitHub

GitHub Copilot Chat 681ms
AI chat features powered by ...
GitHub

IntelliCode API Usage 119ms
See relevant code examples fr...
Microsoft

GitHub Copilot app moderator
Upgrade and migrate your Ja...

GitHub Copilot
GitHub github.com | 54,151,869 | ★★★★★ (1016)
Your AI pair programmer

Disable Uninstall Switch to Pre-Release Version ☒ Auto Update

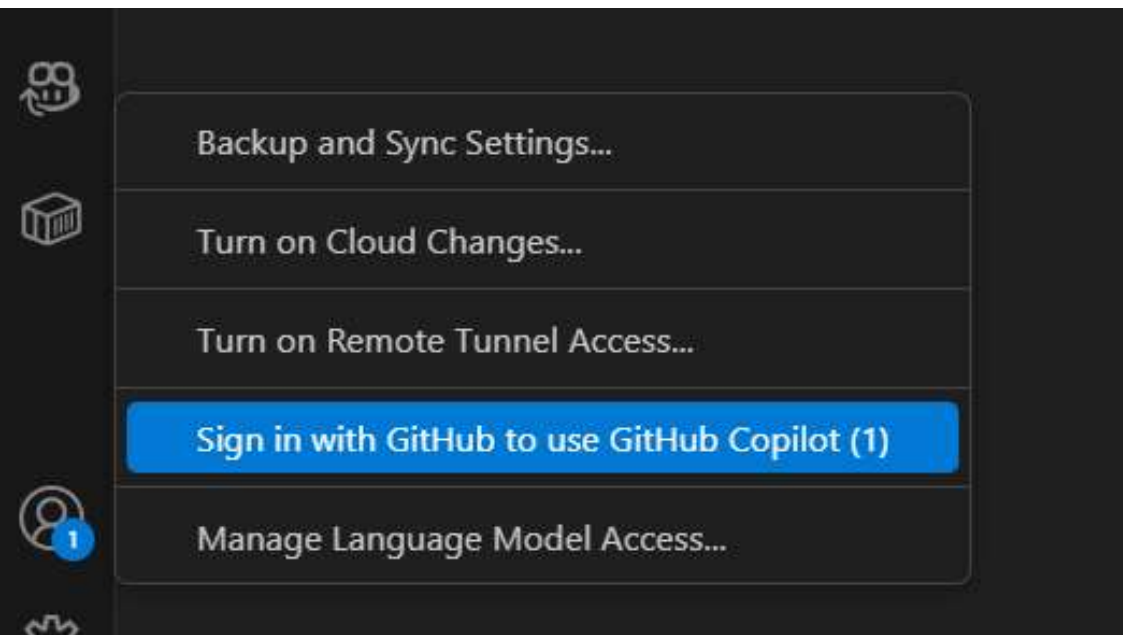
DETAILS FEATURES EXTENSION PACK

GitHub Copilot - Your AI peer programmer

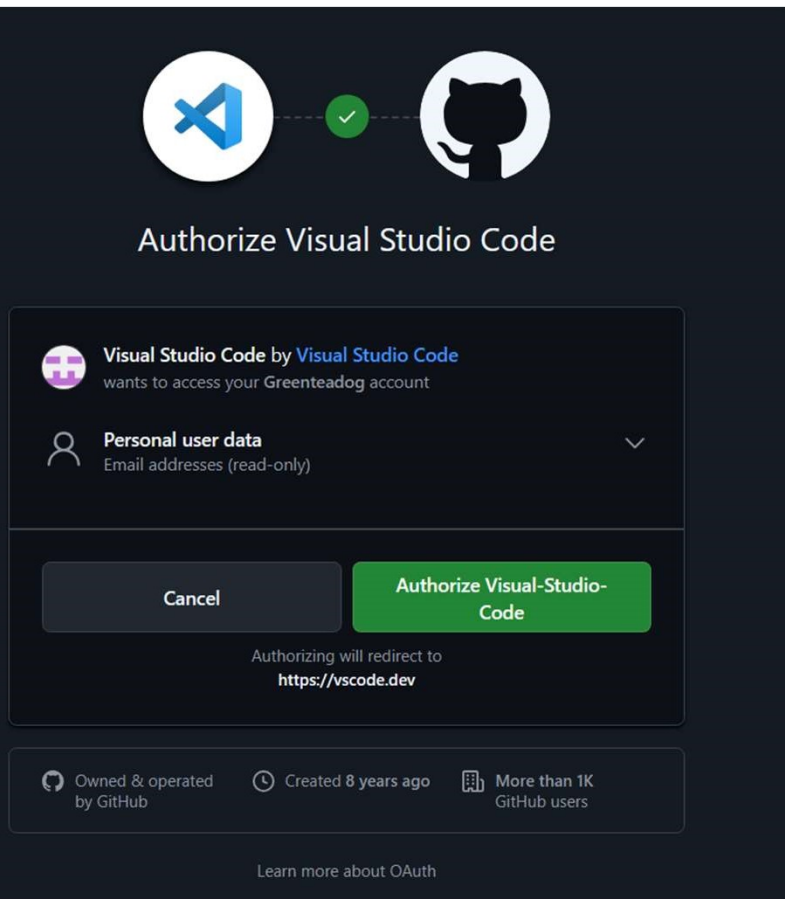
Installation

Identifier `github.copilot`
Version `1.372.0`

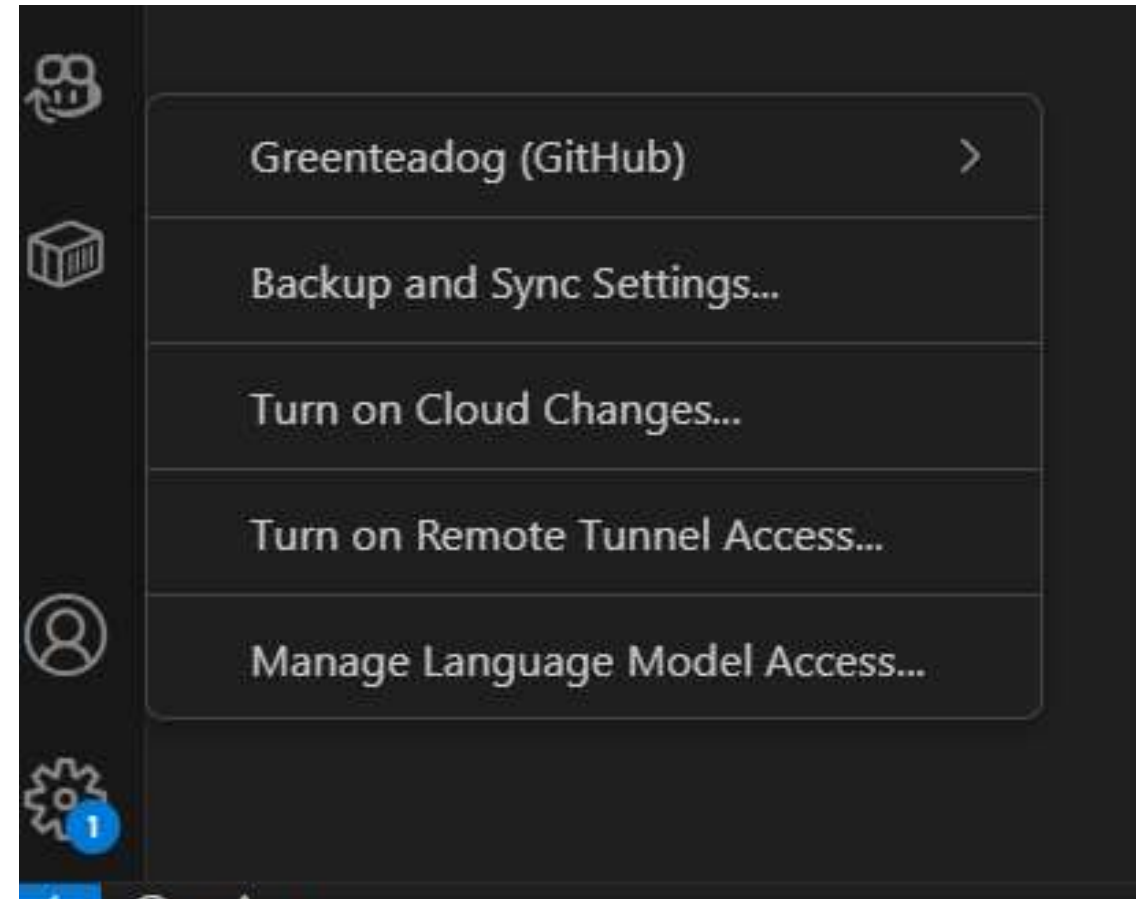
VS Code 必須連結 GitHub 帳號才能使用 GitHub Copilot
因此要先到左下角個人帳號點擊sign in 並授權



點選 Authorize Visual-Studio-Code



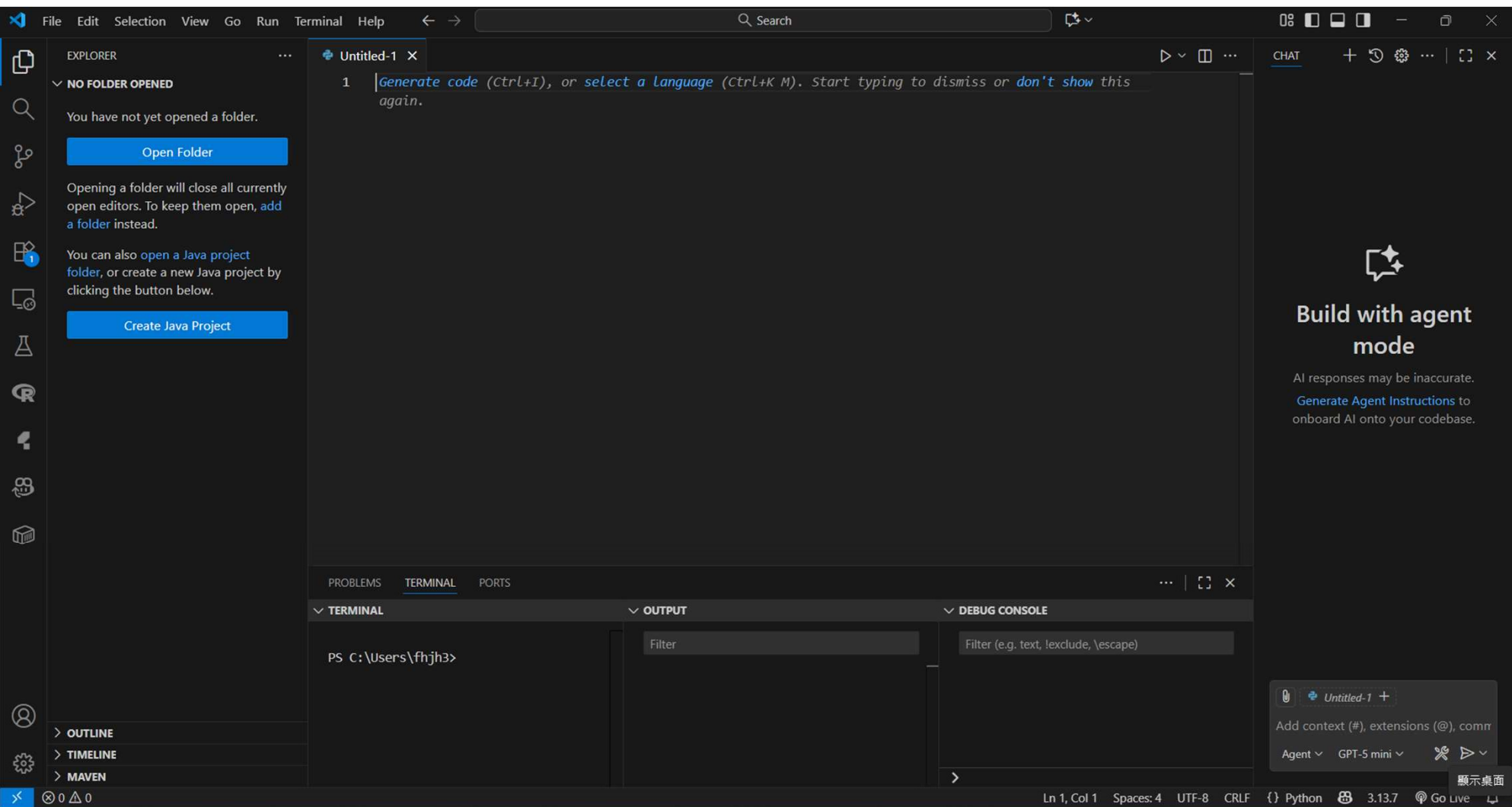
Github 連接完成



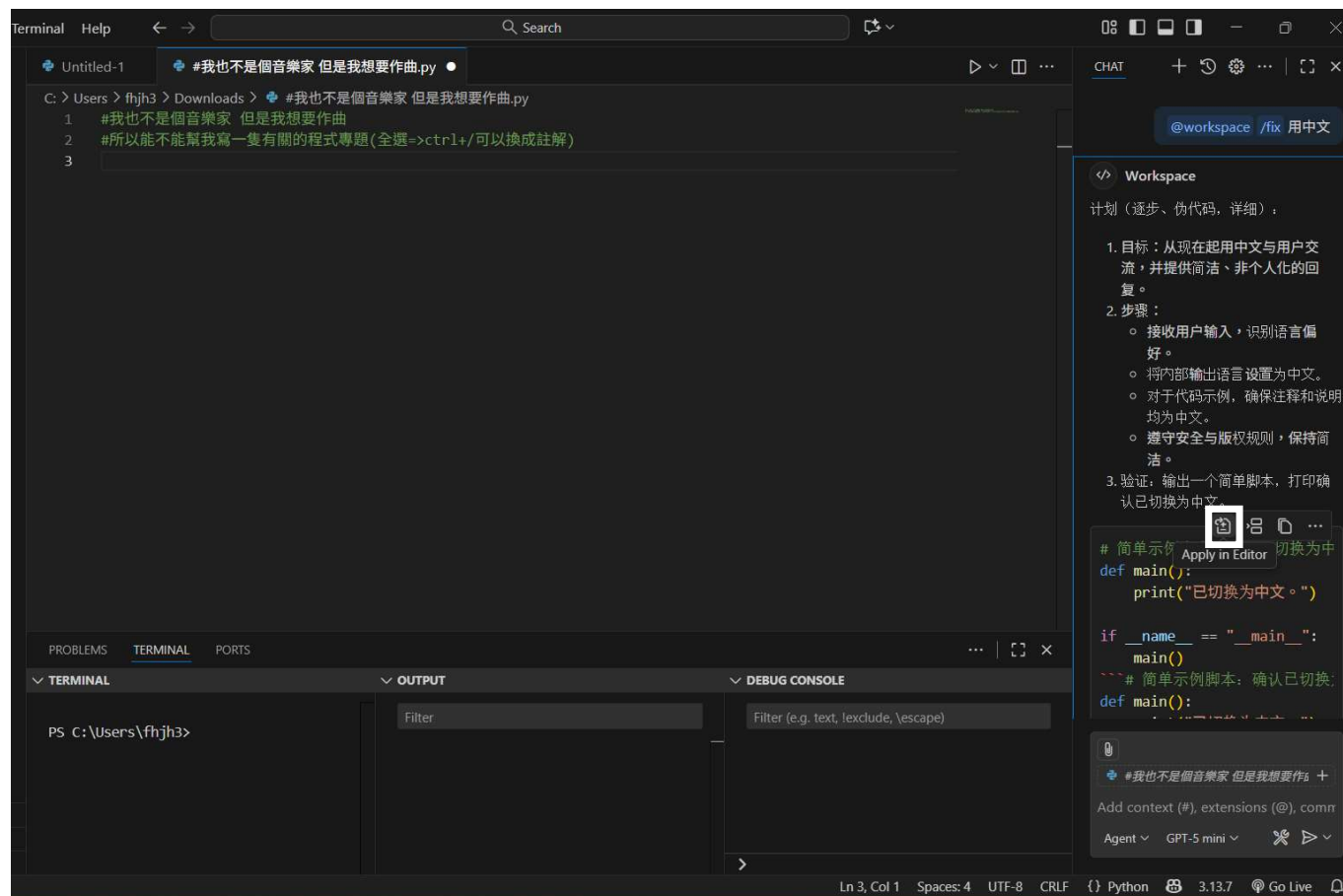
04

使用範例

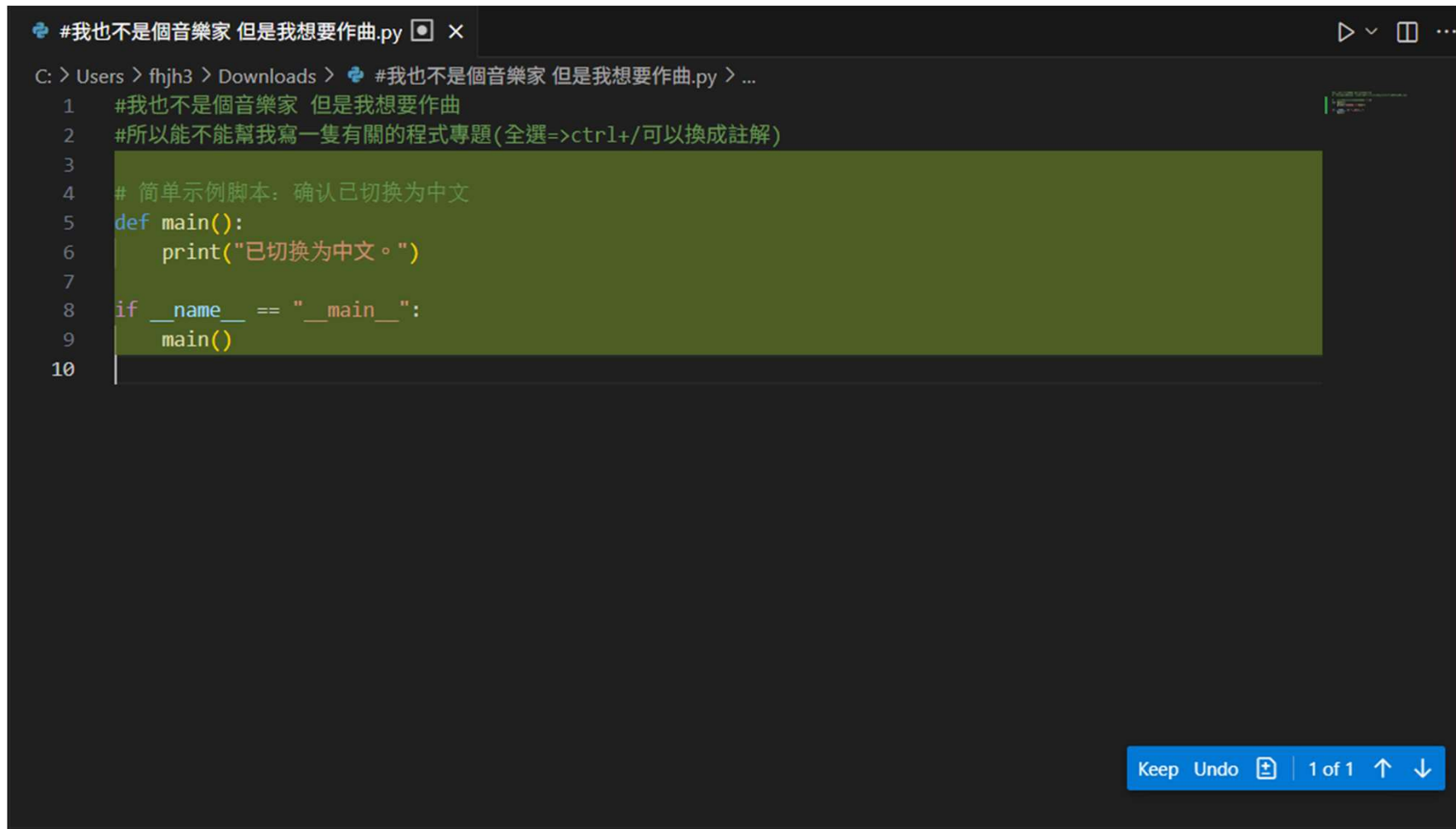
Ctrl+shift+I 開始chat



- 輸入 /fix
- 點擊apply in editor
- 選擇你的檔案



生成程式碼，選擇Keep



The screenshot shows a code editor window with a dark theme. The title bar at the top reads "#我也不是個音樂家 但是我想要作曲.py" with a close button. The file path in the breadcrumb is "C: > Users > fhjh3 > Downloads > #我也不是個音樂家 但是我想要作曲.py > ...". The code is as follows:

```
1  #我也不是個音樂家 但是我想要作曲
2  #所以能不能幫我寫一隻有關的程式專題(全選=>ctrl+/可以換成註解)
3
4  # 简单示例脚本：确认已切换为中文
5  def main():
6      print("已切换为中文。")
7
8  if __name__ == "__main__":
9      main()
10
```

A large green rectangular selection box covers lines 4 through 9. At the bottom right, there is a blue bar with the text "Keep Undo" followed by a copy icon, "1 of 1", and up/down arrow icons.

Modify

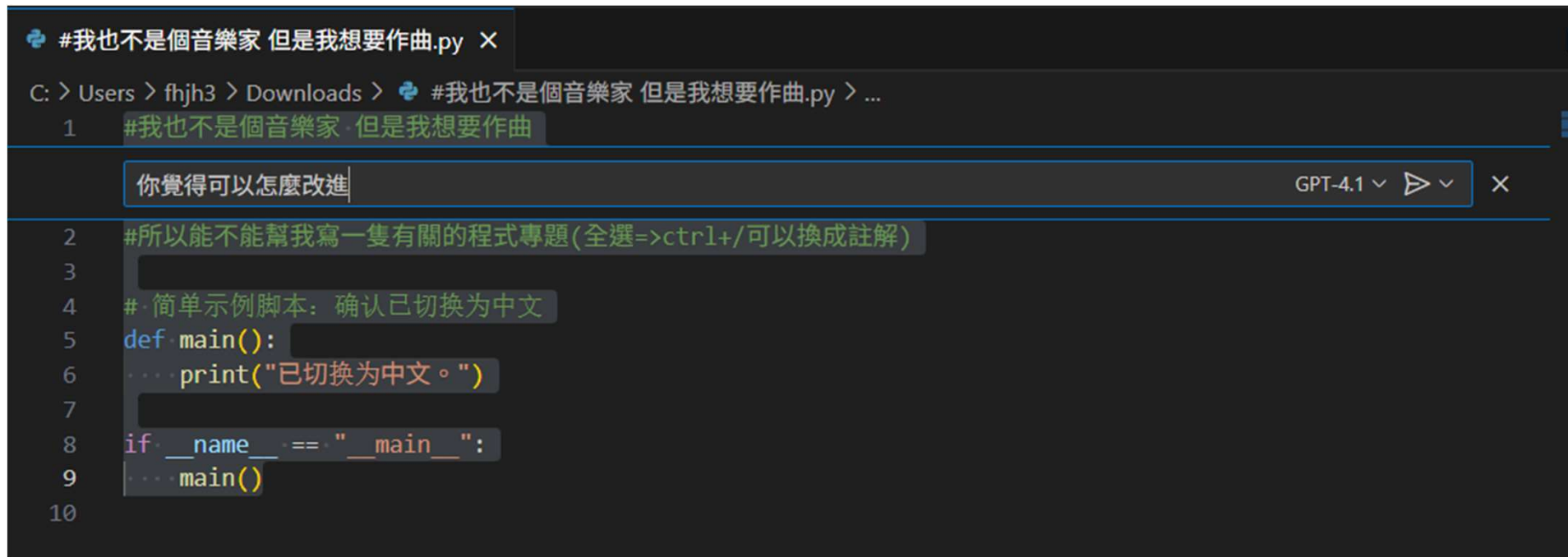
```
#我也不是個音樂家 但是我想要作曲.py ×  
C: > Users > fhjh3 > Downloads > #我也不是個音樂家 但是我想要作曲.py > ...  
1 #我也不是個音樂家 但是我想要作曲  
2 #所以能不能幫我寫一隻有關的程式專題(全選=>ctrl+/可以換成註解)  
3  
4 示例脚本: 确认已切换为中文  
5 def main():  
6     print("已切换为中文。")  
7  
8 if __name__ == "__main__":  
9     main()  
10
```

Rewrite

✧ Modify

✧ Review

Modify修正前



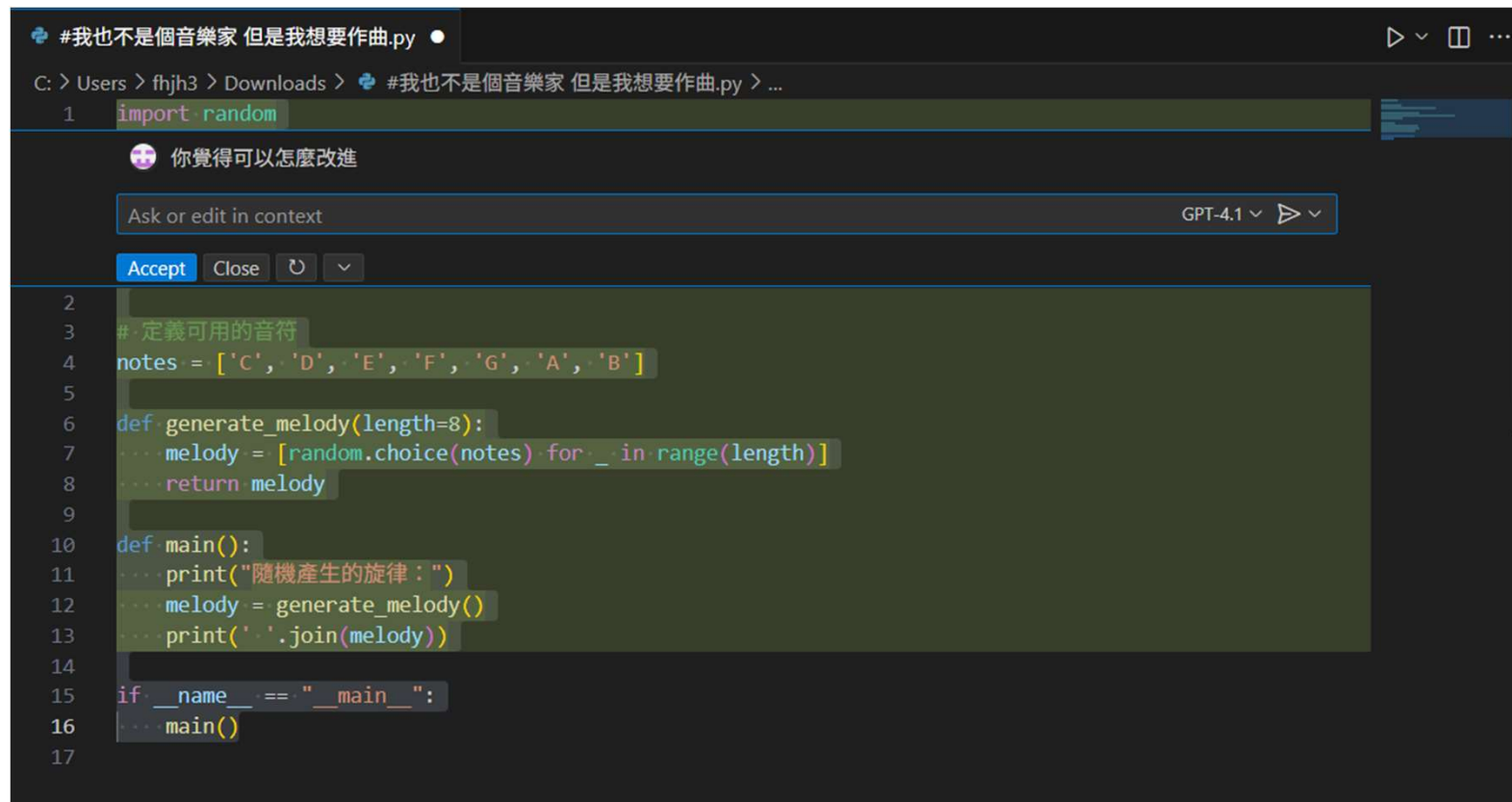
```
#我也不是個音樂家 但是我想要作曲.py ×
C: > Users > fhjh3 > Downloads > #我也不是個音樂家 但是我想要作曲.py > ...
1 #我也不是個音樂家 但是我想要作曲

2 #所以能不能幫我寫一隻有關的程式專題(全選=>ctrl+/可以換成註解)
3 
4 # 简单示例脚本: 确认已切换为中文
5 def main():
6     print("已切换为中文。")
7 
8 if __name__ == "__main__":
9     main()
10
```

你覺得可以怎麼改進

GPT-4.1

Modify修正後



The screenshot shows a code editor window with a file named `#我也不是個音樂家 但是我想要作曲.py`. The file path is `C:\> Users > fhjh3 > Downloads > #我也不是個音樂家 但是我想要作曲.py > ...`. The code in the editor is as follows:

```
1 import random
2
3 # 定義可用的音符
4 notes = ['C', 'D', 'E', 'F', 'G', 'A', 'B']
5
6 def generate_melody(length=8):
7     melody = [random.choice(notes) for _ in range(length)]
8     return melody
9
10 def main():
11     print("隨機產生的旋律:")
12     melody = generate_melody()
13     print(' '.join(melody))
14
15 if __name__ == "__main__":
16     main()
17
```

Below the code editor, there is a chat interface with the prompt "你覺得可以怎麼改進" (How do you think it can be improved?). The chat input field contains the text "Ask or edit in context". The chat model is set to "GPT-4.1". There are buttons for "Accept", "Close", and a refresh icon.

Review

```
9 def main():
10     print("隨機產生的旋律：")
11     melody = generate_melody()
12     print(' '.join(melody))
13     #隨時可補充
```

Comment 1 of 2

 **Code Review**

The comment "#隨時可補充" is not very descriptive. Consider elaborating or removing if not needed.

Suggested change:

- #隨時可補充
- + # You can add more functions or features below if needed.

#我也不是個音樂家 但是我想要作曲.py

C: > Users > fhjh3 > Downloads > #我也不是個音樂家 但是我想要作曲.py > ...

```
1 import random
```

幫我補完剩下的程式

```
2 # 定義可用的音符
```

```
3 notes = ['C', 'D', 'E', 'F', 'G', 'A', 'B']
```

```
4  
5 def generate_melody(length=8):
```

```
6     ... melody = [random.choice(notes) for _ in range(length)]
```

```
7     ... return melody
```

```
8  
9 def main():
```

```
10     ... print("隨機產生的旋律：")
```

```
11     ... melody = generate_melody()
```

```
12     ... print(' '.join(melody))
```

```
13 #隨時可補充
```

```
14  
15 if __name__ == "__main__":
```

```
16     ... main()
```

```
17
```



#我也不是個音樂家 但是我想要作曲.py

C: > Users > fhjh3 > Downloads > #我也不是個音樂家 但是我想要作曲.py > main

```
1 import random
```

幫我補完剩下的程式

Ask or edit in context

Accept

Close

↺

▼

```
2
```

```
3 # 定義可用的音符 (含升降記號)
```

```
4 notes = ['C', 'C#', 'D', 'D#', 'E', 'F', 'F#', 'G', 'G#', 'A', 'A#', 'B']
```

```
5  
6 def generate_melody(length=8):
```

```
7     ... melody = [random.choice(notes) for _ in range(length)]
```

```
8     ... return melody
```

```
9  
10 def save_melody(melody, filename):
```

```
11     ... with open(filename, 'w', encoding='utf-8') as f:
```

```
12         ... f.write(' '.join(melody))
```

```
13
```

```
14 def main():
```

```
15     print("隨機產生的旋律：")
```

```
16     try:
```

```
17         length = int(input("請輸入旋律長度(預設8):") or 8)
```

```
18     except ValueError:
```

```
19         length = 8
```

```
20     melody = generate_melody(length)
```

PROBLEMS

TERMINAL

PORTS