

Git and GitHub

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資工1A

進入GitHub頁面

- 1 點選圖片進入網址
- 2 搜尋Github



The world's leading software development platform · GitHub

<https://github.com> ▾ 翻譯這個網頁

GitHub brings together the world's largest community of developers to discover, share, and build better software. From open source projects to private team ...

A screenshot of the GitHub homepage. The background is dark with a pattern of white lines and dots. On the left, the text "Built for developers" is prominently displayed. Below it, a paragraph describes GitHub as a development platform. On the right, there is a white sign-up form with fields for Username, Email, and Password. A green button labeled "Sign up for GitHub" is at the bottom of the form. Above the form, there is a search bar and two buttons: "Sign in" and "Sign up". A yellow box highlights these two buttons. A red arrow points from the second step of the instructions to the sign-up form. The text "請注意這裡等會用到" is written in yellow above the sign-up form.

Why GitHub? ▾ Enterprise Explore ▾ Marketplace Pricing ▾

Search GitHub

Sign in Sign up

請注意這裡等會用到

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.](#)

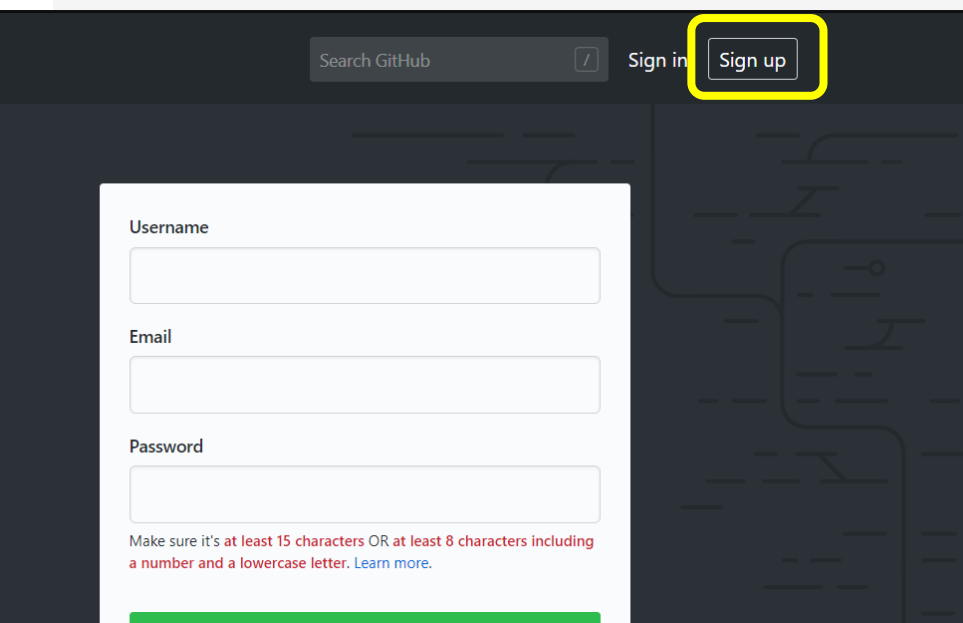
Sign up for GitHub

By clicking "Sign up for GitHub", you agree to our [Terms of Service](#) and [Privacy Statement](#). We'll occasionally send you account related emails.

GitHub註冊

已註冊好的請直接下一頁～

點選右上角的Sing up進行註冊。
依序填寫成功後至Email驗證
帳號/email任一用過便不能再使用！



Search GitHub / Sign in **Sign up**

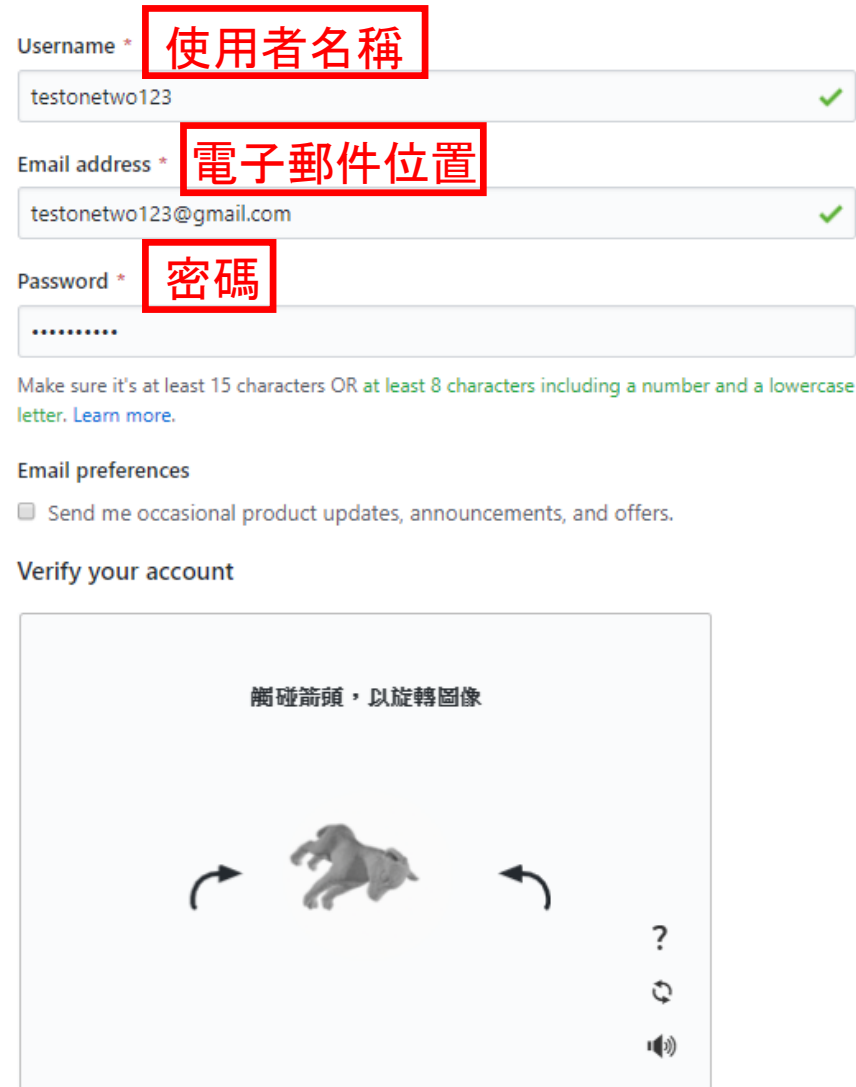
Username
[input field]

Email
[input field]

Password
[input field]

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

Create your account



Username * **使用者名稱**
testonetwo123 ✓

Email address * **電子郵件位置**
testonetwo123@gmail.com ✓

Password * **密碼**
.....

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

Email preferences
☐ Send me occasional product updates, announcements, and offers.

Verify your account

觸碰箭頭，以旋轉圖像

↶ [horse image] ↷

?
↺
🔊

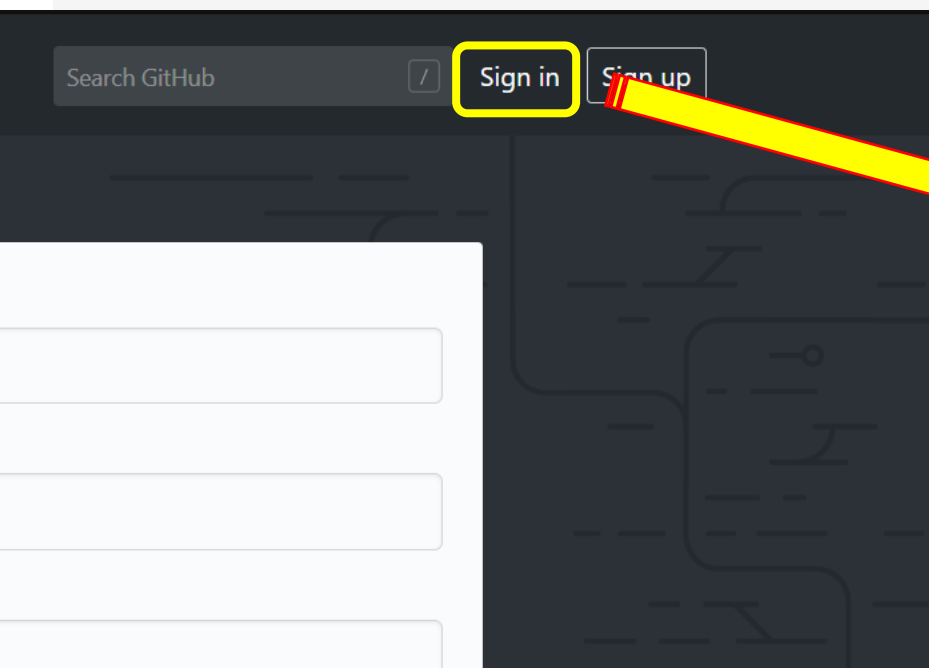
都好了就按下一步

Next: Select a plan

By creating an account, you agree to the [Terms of Service](#). For more information about GitHub's

登入帳號密碼進入GitHub

首頁中點選右上角的 Sign in
輸入帳號及密碼



Sign in to GitHub

Username or email address

Chrouos

Password

[Forgot password?](#)

.....

Sign in

New to GitHub? [Create an account.](#)

GitHub 註冊

操作方式：

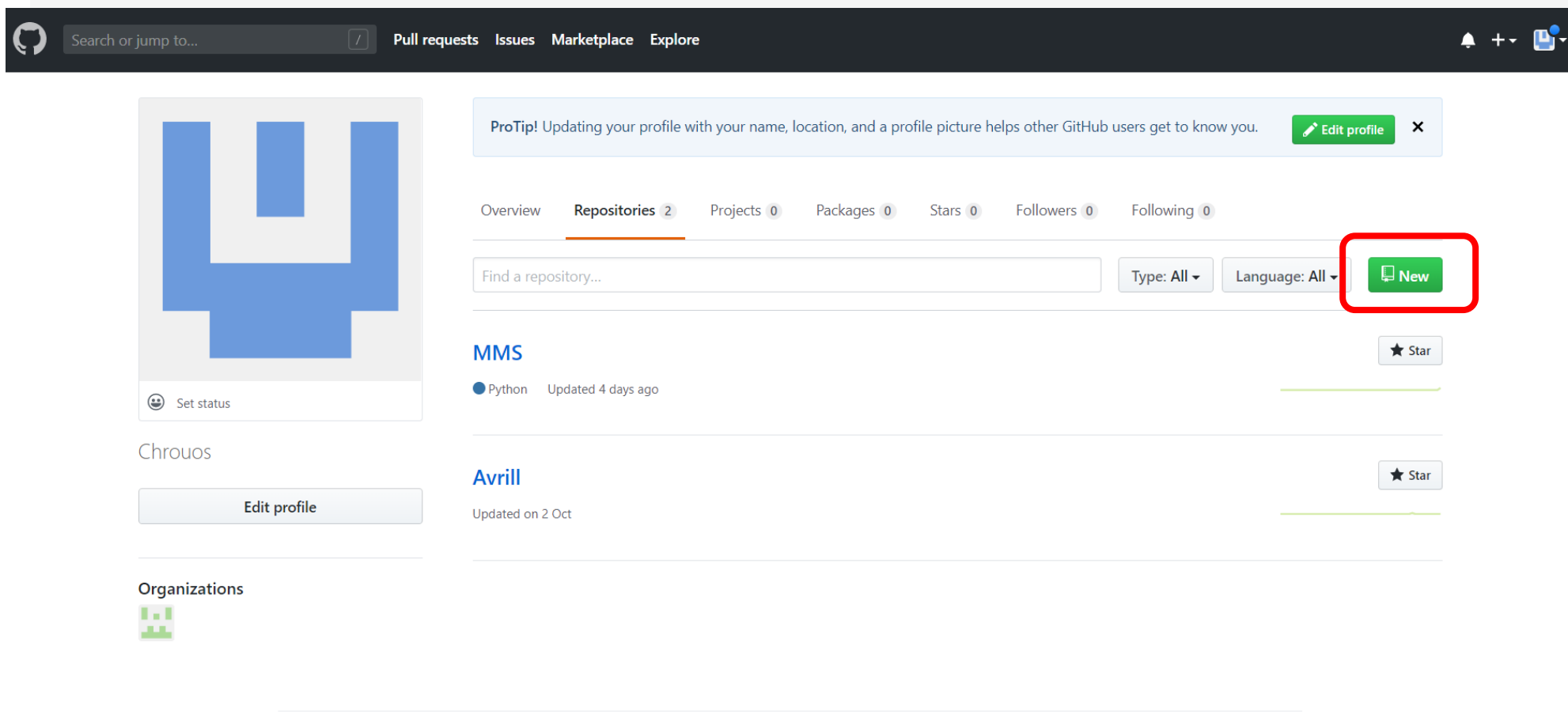
進入個人資料頁面>右上角的[頭像] > [**Your repositories**]

The screenshot displays the GitHub homepage for a user named 'Chrouos'. The top navigation bar includes a search bar, links for 'Pull requests', 'Issues', 'Marketplace', and 'Explore', and a user profile icon. A red circle highlights the user profile icon, with a red arrow pointing to a detailed view of the dropdown menu. This menu lists options such as 'Signed in as Chrouos', 'Set status', 'Your profile', 'Your repositories' (highlighted with a red box), 'Your projects', 'Your stars', 'Your gists', 'Feature preview', 'Help', 'Settings', and 'Sign out'. The main content area features a large green banner for 'Learn Git and GitHub without any code!' with buttons for 'Read the guide' and 'Start a project'. Below this is a section for 'Discover interesting projects and people to populate your personal news feed.' with an 'Explore GitHub' button. The left sidebar shows the user's repositories, including 'Chrouos/MMS' and 'Chrouos/Avrill', and a section for 'Your teams'. The right sidebar shows a list of repositories under 'Explore repositories', including 'armbian/build' and 'Shell'.

Use Case - 從頭建立起

操作方式：

進入repository > [New] > 去新增一個 repository



The screenshot shows the GitHub interface for a user profile. The top navigation bar includes the GitHub logo, a search bar, and links for Pull requests, Issues, Marketplace, and Explore. The user profile section on the left shows a placeholder for a profile picture, a status bar, the username 'Chrouos', an 'Edit profile' button, and a section for 'Organizations' with a small icon. The main content area displays a 'ProTip!' message, tabs for Overview, Repositories (2), Projects (0), Packages (0), Stars (0), Followers (0), and Following (0). Below the tabs is a search bar for repositories and filters for Type and Language. A green 'New' button with a plus icon is highlighted with a red box. Below this, two repositories are listed: 'MMS' (Python, updated 4 days ago) and 'Avrill' (updated on 2 Oct), each with a 'Star' button.

創建一個repository


操作方式：

輸入Repository name (名稱)

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner

 Chrouos ▾

Repository name *

ForWork ✓

Great repository names are short and memorable. Need inspiration? How about **fuzzy-sniffle**?

Description (optional)

描述此repository



Public

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



Private

You choose who can see and commit to this repository.

Skip this step if you're importing an existing repository.



Initialize this repository with a README

This will let you immediately clone the repository to your computer.

Add .gitignore: None ▾

Add a license: None ▾



Create repository

成功產生


操作方式：


成功產生一個repository

未來可以把程式碼上傳到這

我們先進行下一個步驟~


網頁不要關！！

 [Chrouos](#) / [ForWork](#)

 Unwatch ▾

1

 Star 0

 Fork 0

 Code

 Issues 0

 Pull requests 0

 Actions

 Projects 0


 Wiki

 Security

 Insights

 Settings

Quick setup — if you've done this kind of thing before

 Set up in Desktop

or

HTTPS

SSH

<https://github.com/Chrouos/ForWork.git>



Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# ForWork" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/Chrouos/ForWork.git
git push -u origin master
```



...or push an existing repository from the command line

```
git remote add origin https://github.com/Chrouos/ForWork.git
git push -u origin master
```



...or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

[Import code](#)

下載 Git

1 點選圖片進入網址

2 搜尋Git Download



Git - Downloads - Git SCM

<https://git-scm.com> > downloads ▾ 翻譯這個網頁

GUI Clients. Git comes with built-in GUI tools ([git-gui](#), [gitk](#)), but there are several third-party tools for users looking for a platform-specific experience. View GUI ...

您於 2019/12/3 造訪這個網頁。



Search entire site...

About

Documentation

Downloads

GUI Clients

Logos

Community

The entire [Pro Git book](#) written by Scott Chacon and Ben Straub is available to [read online for free](#). Dead tree versions are available on [Amazon.com](#).

Downloads



Older releases are available and the Git source repository is on GitHub.



Windows 系統選這~
下載

GUI Clients

Git comes with built-in GUI tools ([git-gui](#), [gitk](#)), but there are several third-party tools for users looking for a platform-specific experience.

[View GUI Clients →](#)

Logos

Various Git logos in PNG (bitmap) and EPS (vector) formats are available for use in online and print projects.

[View Logos →](#)

下載Git

操作方式：

Next下去就對了！

 Git 2.24.0.2 Setup

Information

Please read the following important information before continuing.



When you are ready to continue with Setup, click Next.

GNU General Public License

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place - Suite 330, Boston, MA 02111-1307, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change

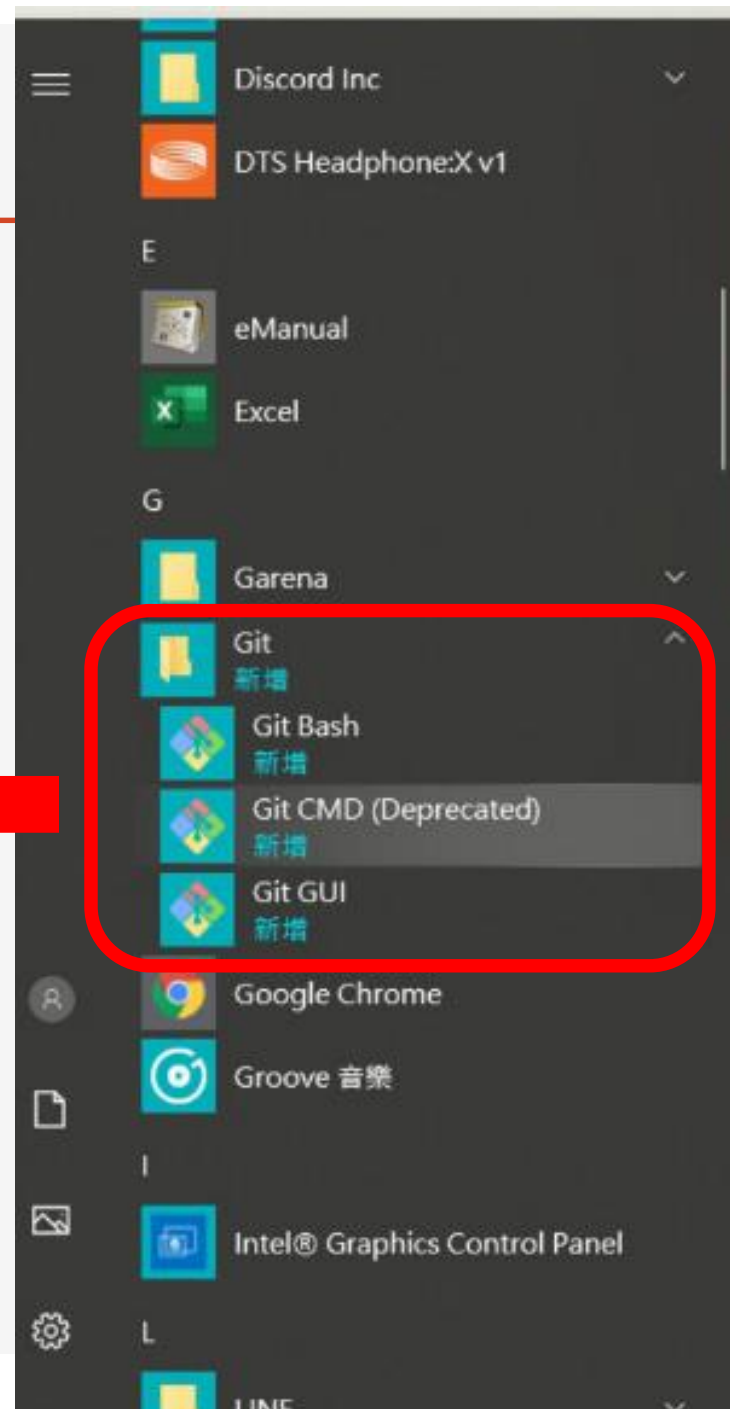
<https://gitforwindows.org/>

Next >

Cancel

開始使用Git

直接點選 **Git CMD**，獲得以下這個介面



使用Git 指令

按照P.8給的指令碼開始：

- 1 此串，先建立此git的名稱及email，不需要照真實的打，不過打真實的比較好。
- 2 將位置移到[桌面]>建立一個資料夾[Work]在桌面>將位置移到[Work]
- 3 按照網頁上給的指令碼按照順序輸出。

提示：Git status是察看上架狀態

Git CMD (Deprecated)

```
C:\Users\Avrill>git config --global user.email "A8206115@g.pccu.edu.tw"
```

```
C:\Users\Avrill>git config --global user.name "Avril"
```

```
C:\Users\Avrill>cd Desktop
```

```
C:\Users\Avrill\Desktop>mkdir Work
```

```
C:\Users\Avrill\Desktop>cd Work
```

```
C:\Users\Avrill\Desktop\Work>echo "# ForWork" >> README.md
```

```
C:\Users\Avrill\Desktop\Work>git init  
Initialized empty Git repository in C:/Users/Avrill/Desktop/Work/.git/
```

```
C:\Users\Avrill\Desktop\Work>git add README.md
```

黃色為網頁code

```
C:\Users\Avrill\Desktop\Work>git status  
On branch master
```

```
No commits yet
```

```
Changes to be committed:  
  (use "git rm --cached <file>..." to unstage)  
    new file:   README.md
```

```
C:\Users\Avrill\Desktop\Work>
```

使用Git 指令

按照P.8給的指令碼開始：

最後一串輸入完後，需要再登入一次帳號密碼確認是不是你本人。

GitHub Login

GitHub
Login



Login



Cancel

Don't have an account? [Sign up](#)
[Forgot your password?](#)

```
× C:\Users\Avrill\Desktop\Work>git init
Initialized empty Git repository in C:/Users/Avrill/Desktop/Work/.git/
```

```
C:\Users\Avrill\Desktop\Work>git add README.md
```

```
C:\Users\Avrill\Desktop\Work>git status
On branch master
```

```
No commits yet
```

```
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
       new file:   README.md
```

```
C:\Users\Avrill\Desktop\Work>git commit -m "first commit"
[master (root-commit) 69cec/4] first commit
 1 file changed, 1 insertion(+)
 create mode 100644 README.md
```

```
C:\Users\Avrill\Desktop\Work>git status
On branch master
nothing to commit, working tree clean
```

```
C:\Users\Avrill\Desktop\Work>git remote add origin https://github.com/Chrouos/ForWork.git
```

```
C:\Users\Avrill\Desktop\Work>git push -u origin master
```

黃色為網頁code

網頁成功～

重整後確認網頁是否上傳成功！！

Chrouos / ForWork

Unwatch

1

Star

0

Fork

0

<> Code

! Issues 0

🔗 Pull requests 0

🎬 Actions

📁 Projects 0

📖 Wiki

🛡 Security

📊 Insights

⚙ Settings

No description, website, or topics provided.

Edit

Manage topics

🕒 1 commit

🌿 1 branch

📦 0 packages

🏷 0 releases

👤 1 contributor

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

📁 Chrouos first commit

Latest commit 69cec74 10 minutes ago

📄 README.md

first commit

10 minutes ago

📖 README.md

"# ForWork"

GitHub—下載並修改

- 1 為了試驗，刪除桌面上的資料夾
- 2 複製網址

Read the guide

Chrouos / ForWork

Unwatch 1

Star 0

Fork 0

<> Code

Issues 0

Pull requests 0

Actions

Projects 0

Wiki

Security

Insights

Settings

No description, website, or topics provided.

Edit

Manage topics

1 commit

1 branch

0 packages

0 releases

1 contributor

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

Chrouos first commit

Latest commit 69cec74 21 minutes ago

README.md

first commit

21 minutes ago

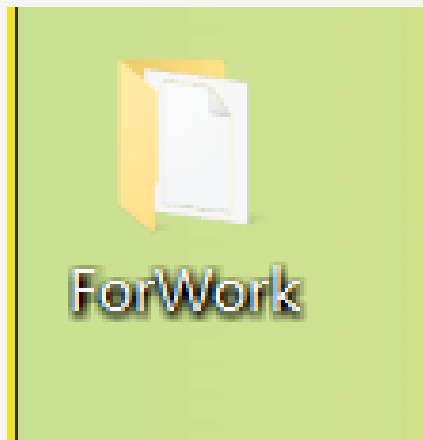
先點選這

下載

操作方式：

在Git上打「**git clone (網址)**」

即可獲得一個「ForWork」資料夾



Git CMD (Deprecated)

```
C:\Users\Avrill>cd Desktop
```

```
C:\Users\Avrill\Desktop>git clone https://github.com/Chrouos/ForWork.git  
Cloning into 'ForWork'...
```

```
remote: Enumerating objects: 3, done.
```

```
remote: Counting objects: 100% (3/3), done.
```

```
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0
```

```
Unpacking objects: 100% (3/3), done.
```

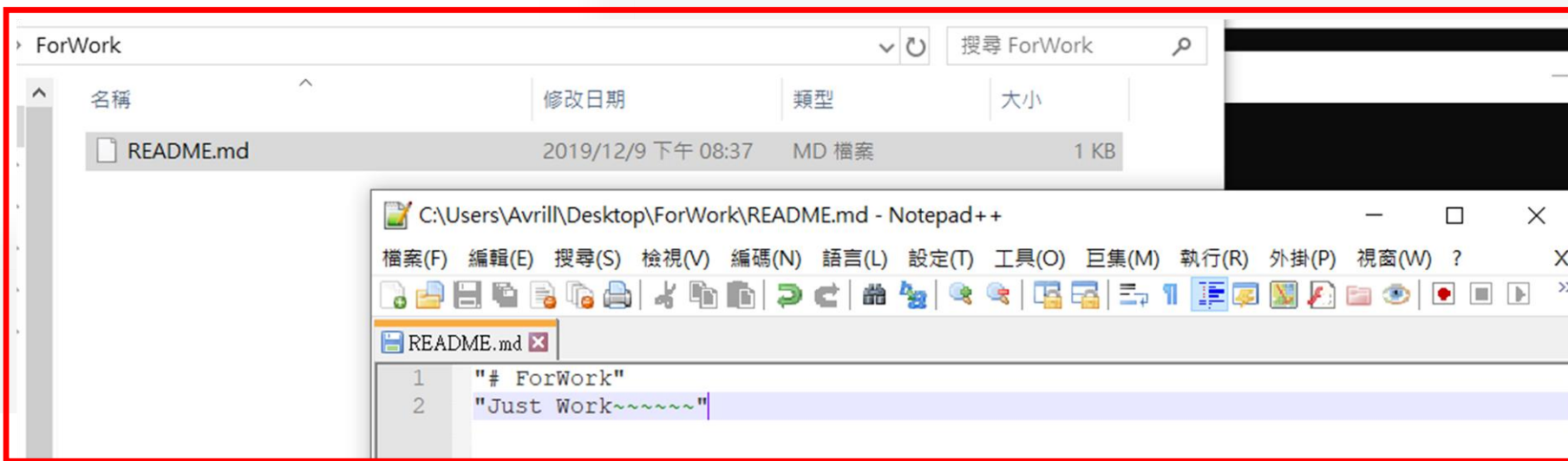
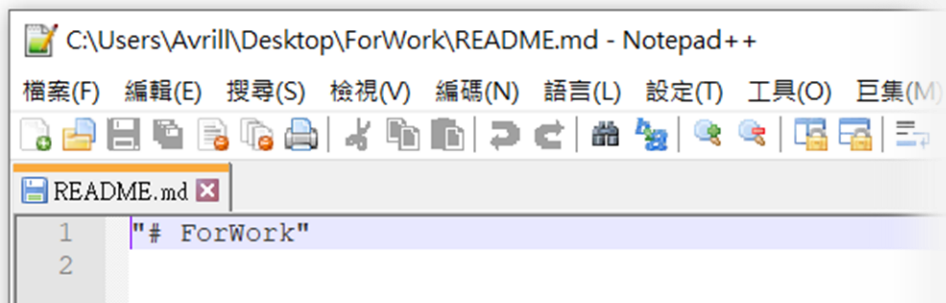
```
C:\Users\Avrill\Desktop>
```


修改

操作方式：

進入資料夾後，用編輯軟體進行修改

修改後!!!!



下載

操作方式：

修改檔案後，使用**Git status**確認

Git add確認物品

Git commit -m 使貨品進入倉庫

Git push 正式上架(上傳網頁)

```
C:\Users\Avrill\Desktop>cd ForWork
```

進入 資料夾

```
C:\Users\Avrill\Desktop\ForWork>git status
On branch master
Your branch is up to date with 'origin/master'.
```

查看上架狀態

```
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.md
```

```
no changes added to commit (use "git add" and/or "git commit -a")
```

```
C:\Users\Avrill\Desktop\ForWork>git add README.md
```

```
C:\Users\Avrill\Desktop\ForWork>git status
On branch master
Your branch is up to date with 'origin/master'.
```

查看上架狀態>>commit

```
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   README.md
```

```
C:\Users\Avrill\Desktop\ForWork>git commit -m "2-nd commit"
[master dc6f2cb] 2-nd commit
1 file changed, 1 insertion(+)
```

```
C:\Users\Avrill\Desktop\ForWork>git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Writing objects: 100% (3/3), 262 bytes | 262.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/Chrouos/ForWork.git
69cec74..dc6f2cb master -> master
```

Git push 上架!!!!

```
C:\Users\Avrill\Desktop\ForWork>
```

網頁成功 ~

修改成功 ~

Chrouos / ForWork

Unwatch

1

Star

0

Fork

0

<> Code

Issues 0

Pull requests 0

Actions

Projects 0

Wiki

Security

Insights

Settings

No description, website, or topics provided.

Edit

Manage topics

2 commits

1 branch

0 packages

0 releases

1 contributor

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

Chrouos 2-nd commit

Latest commit dc6f2cb 5 minutes ago

README.md

2-nd commit

5 minutes ago

README.md

"# ForWork" "Just Work~~~~~"