

Lab088 : Python Read Files

讀取檔案

(別怕! 跟著做你就會!)

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請至 www.hcdtech.com.tw 下載教材



<http://www.hcdtech.com.tw/Python.htm>



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所有的考卷都可以考100分，是我們自己錯過了！

學習秘訣=發問+練習

考卷發下去，時間到了收回來，如果沒有考到100分，這很正常。重點來了，不會的可以問，問完了練習，準備好了考卷再發下去。第二次還是沒有考到100分，這也很正常。沒關係，再來一次，不會的可以問，問完了練習，準備好了考卷第三次再發下去，.....，考到第N次如果還是沒有考到100分。沒關係，再來，不會的可以問，問完了練習，N+1次、N+2次、.....，你們都很聰明，知道我在說什麼，到最後考卷一定可以考100分！看懂了妳/你就會知道，原來學習的秘訣就是發問和練習！今天開始不懂就問，問完了練習，明年的妳/你肯定不一樣！

學習如何學習！

1

1 2

1 2 3

.....

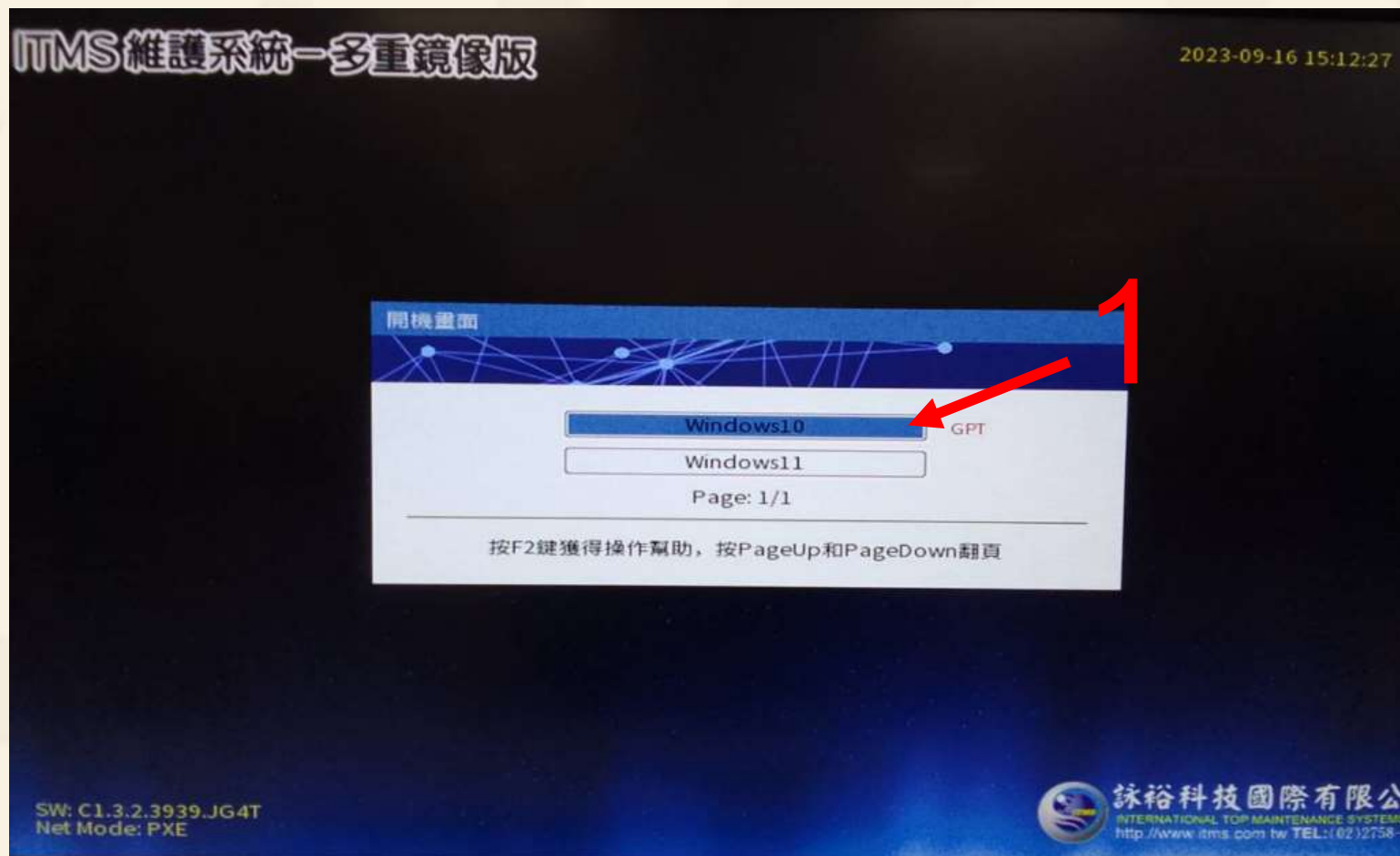
1 2 3 4 5 6 7 8 9 10

金字塔念書法



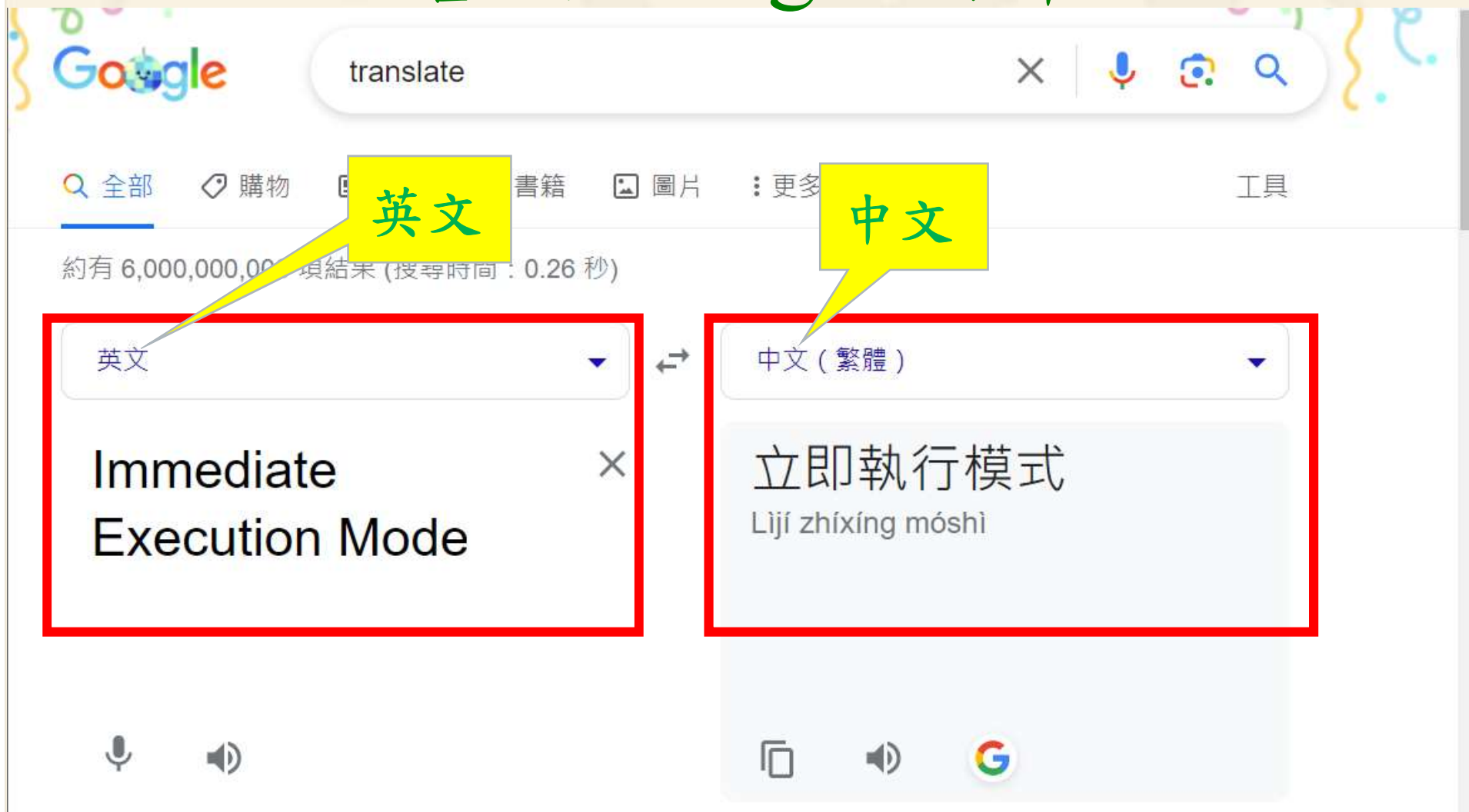
如果一本書有10個章節！先看第1章，在看第2章之前再把第1章看一遍，在看第3章之前再把第1, 2章看一遍，.....，等看到第10章的時候，第1, 2, 3, 4章恐怕已經背起來了！我稱這種念書法為金字塔念書法，今天開始照著做，明年的妳/你肯定不一樣！

請使用 Windows 10



1. 選用 Windows 10.

善用 Google 翻譯

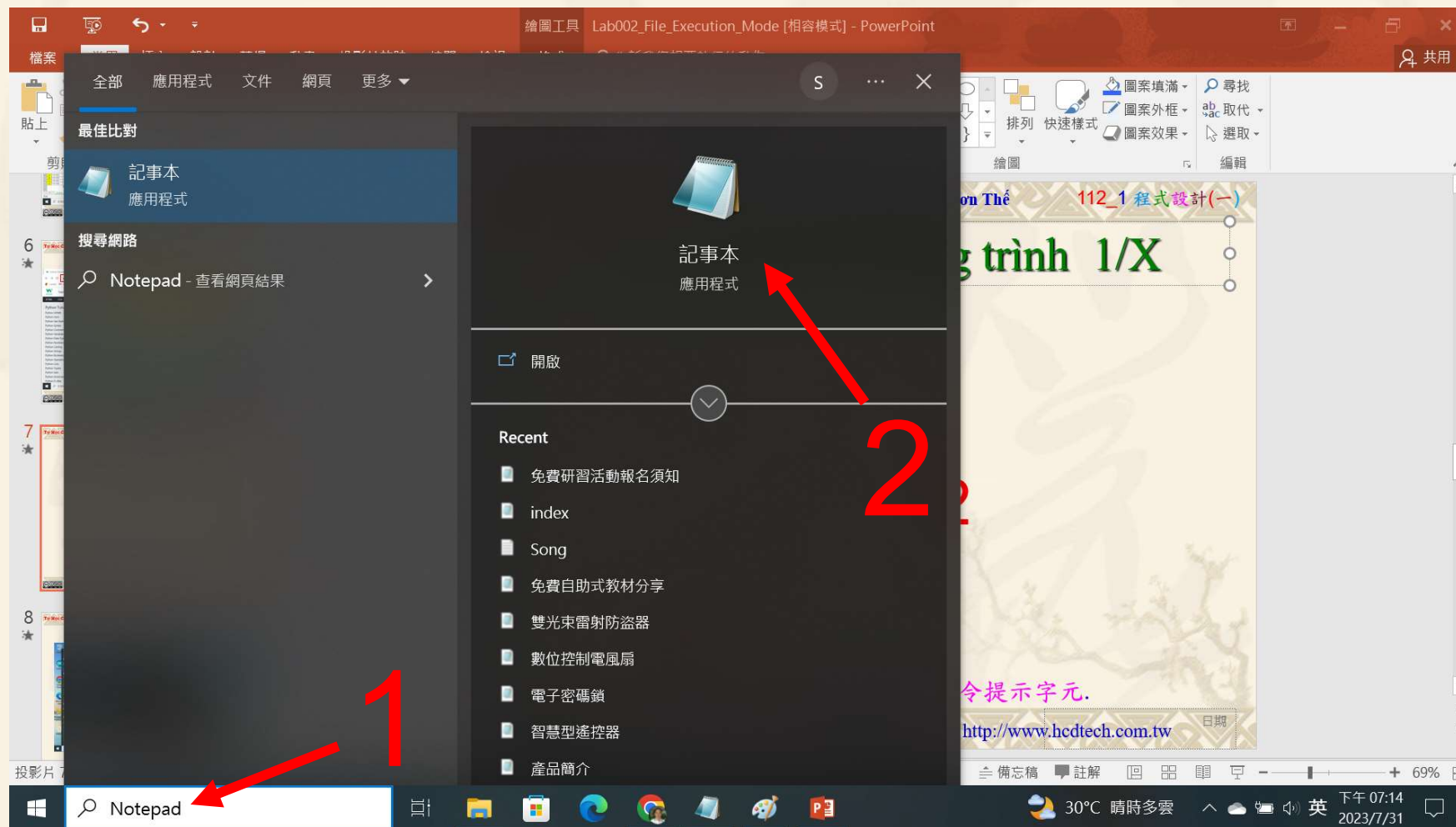


請先開啟網頁閱讀

The screenshot shows a web browser window with the address bar containing `w3schools.com/python/python_file_open.asp`. The page content includes a navigation menu with 'PYTHON' selected, a sidebar with 'Python Read Files' highlighted, and a main article titled 'Python File Open' with the sub-heading 'Open a File on the Server'. A yellow callout box with the text '請用善用Google翻譯讀懂網頁內容' is overlaid on the page. The browser's taskbar at the bottom shows the Windows logo, a search bar, and various application icons.

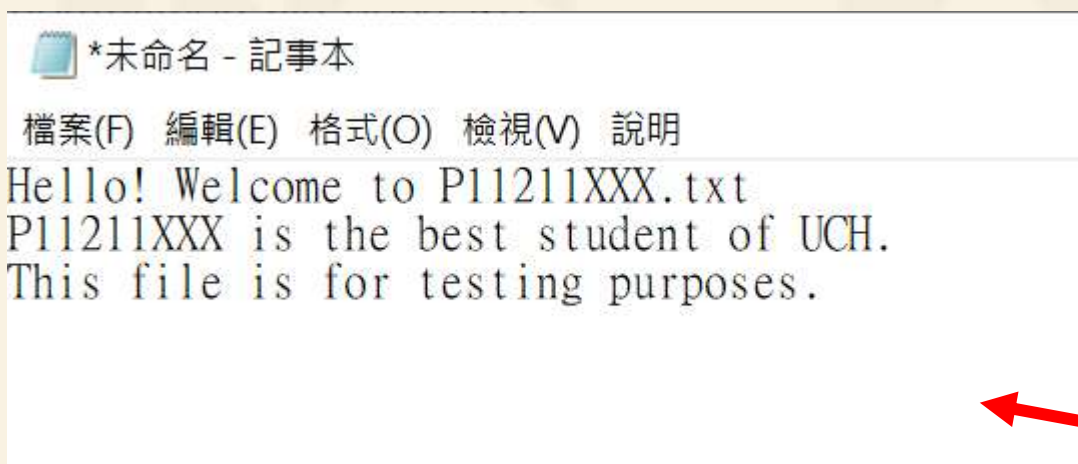
請用善用Google翻譯讀懂網頁內容

建立一個文字文件 1/7



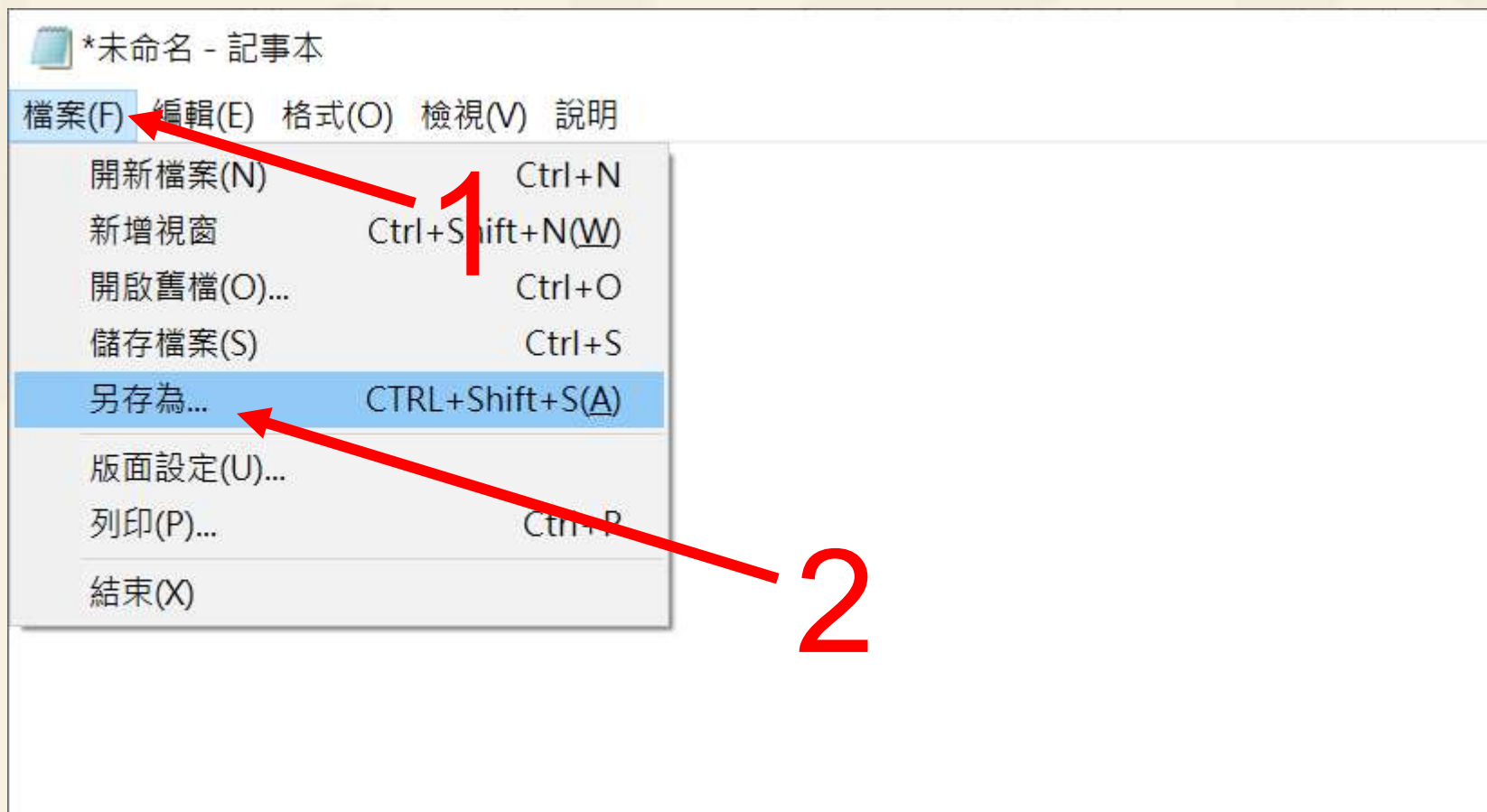
1. 鍵盤輸入Notepad. 2. 用滑鼠點選記事本.

建立一個文字文件 2/7



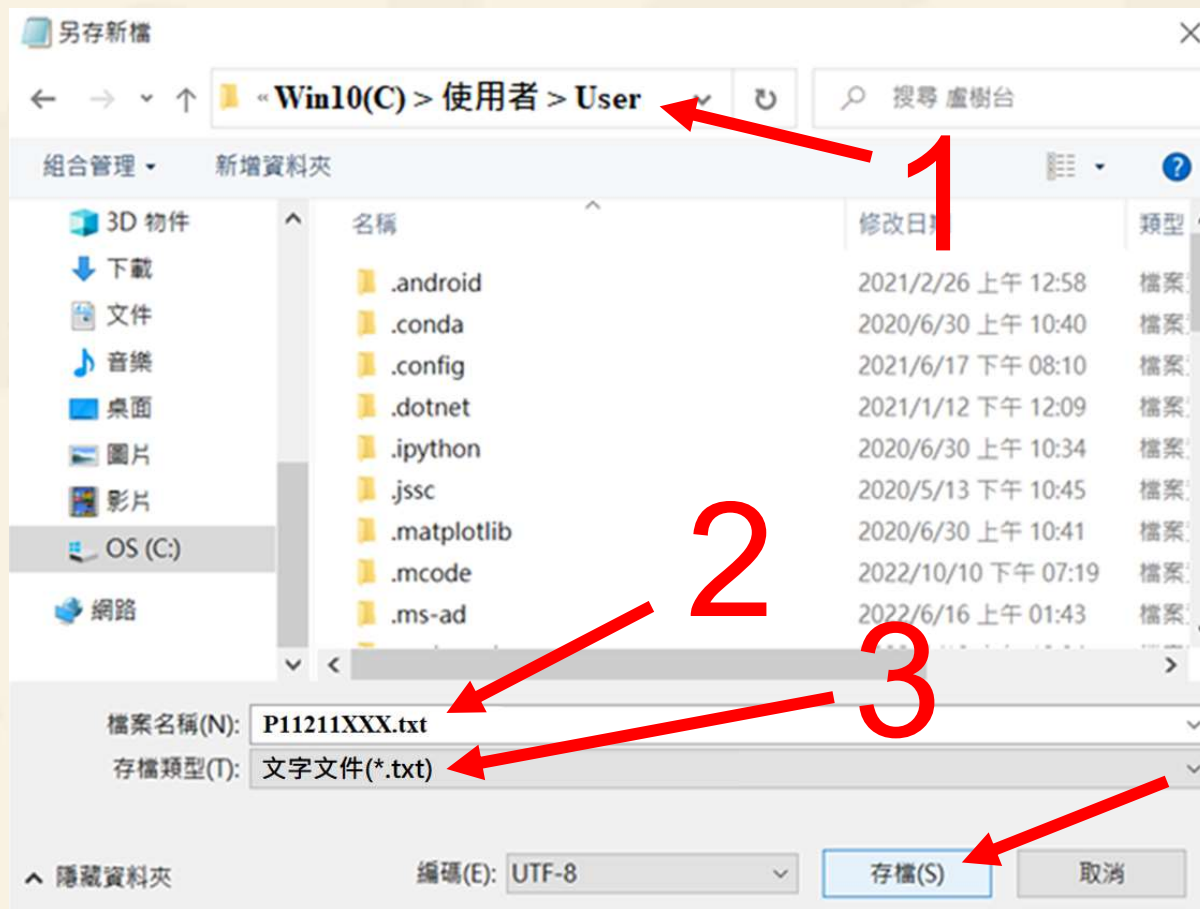
1. 用鍵盤輸入文字檔內容.

建立一個文字文件 3/7



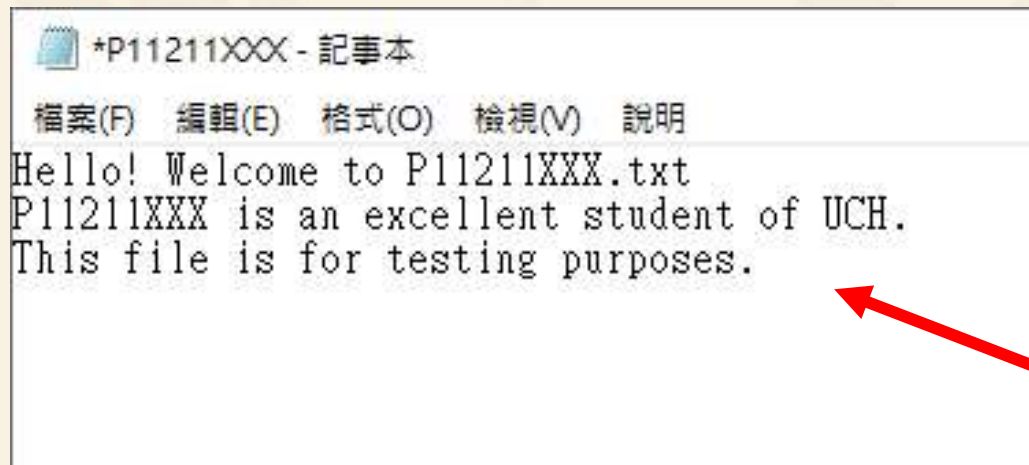
1. 用滑鼠點選檔案. 2. 用滑鼠點選另存為....

建立一個文字文件 4/7



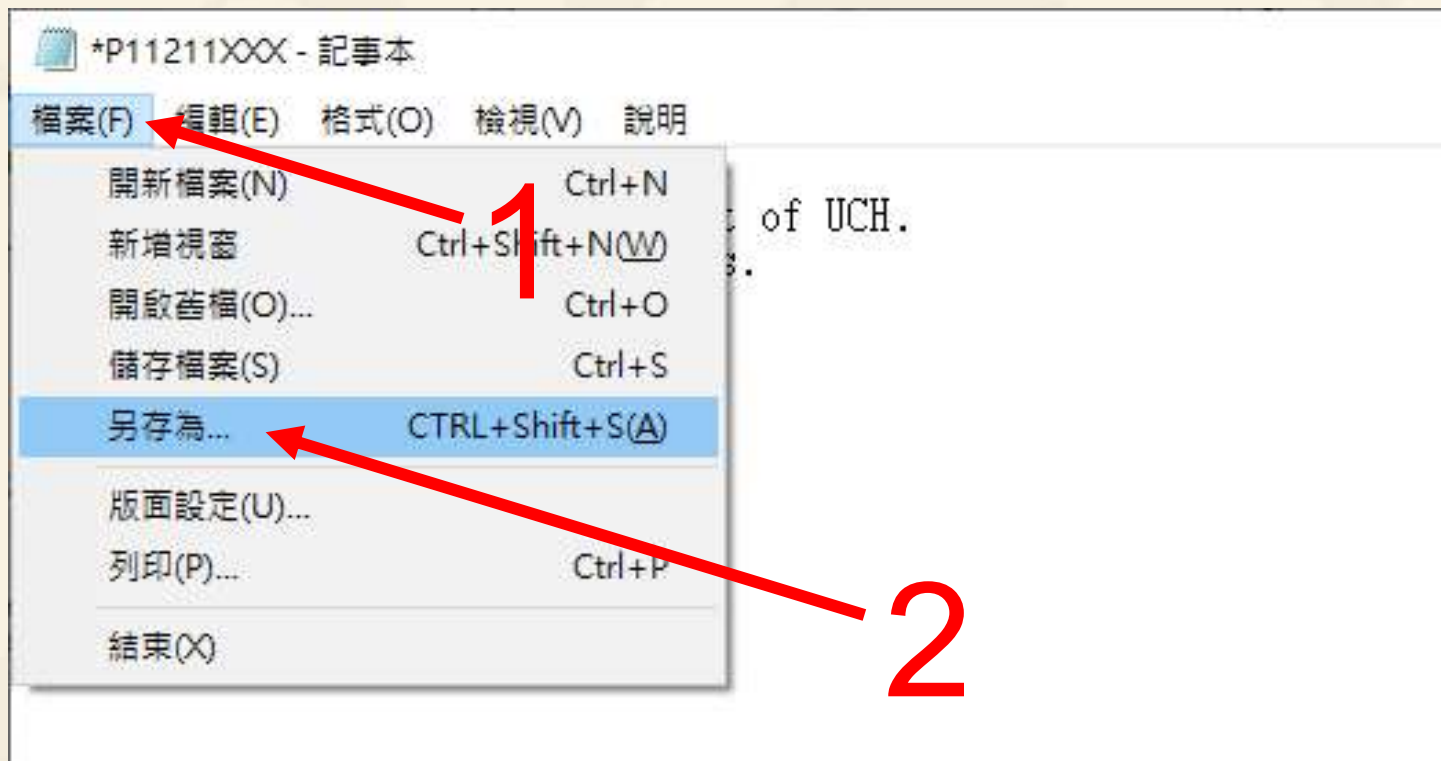
1. 資料夾 = C:\使用者>User>.
2. 檔案名稱 = P11211XXX.txt.
3. 存檔類型(T) = 文字文件(*.txt).
4. 用滑鼠點選存檔.

建立一個文字文件 5/7



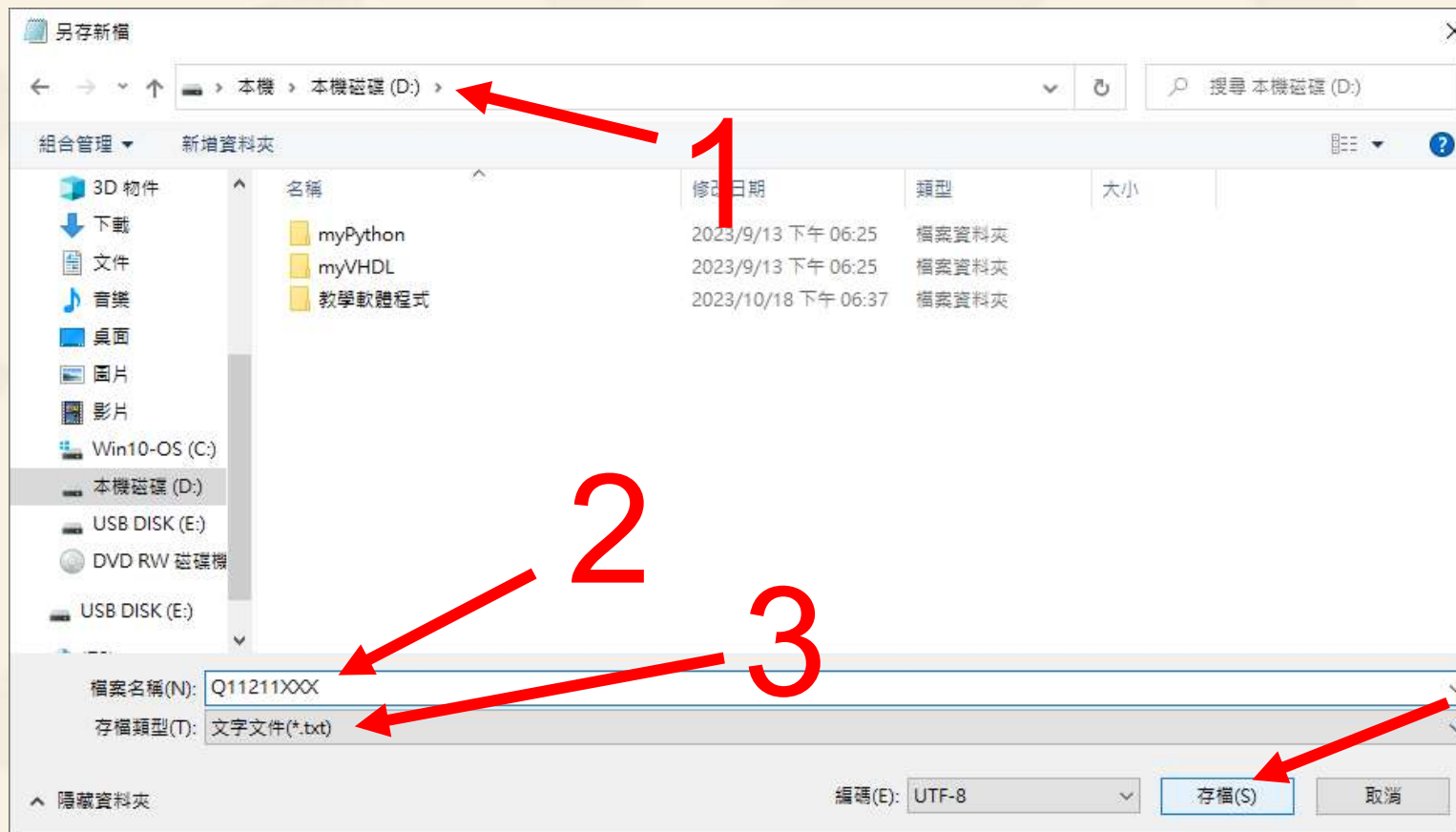
1. 修改文字檔內容.

建立一個文字文件 6/7



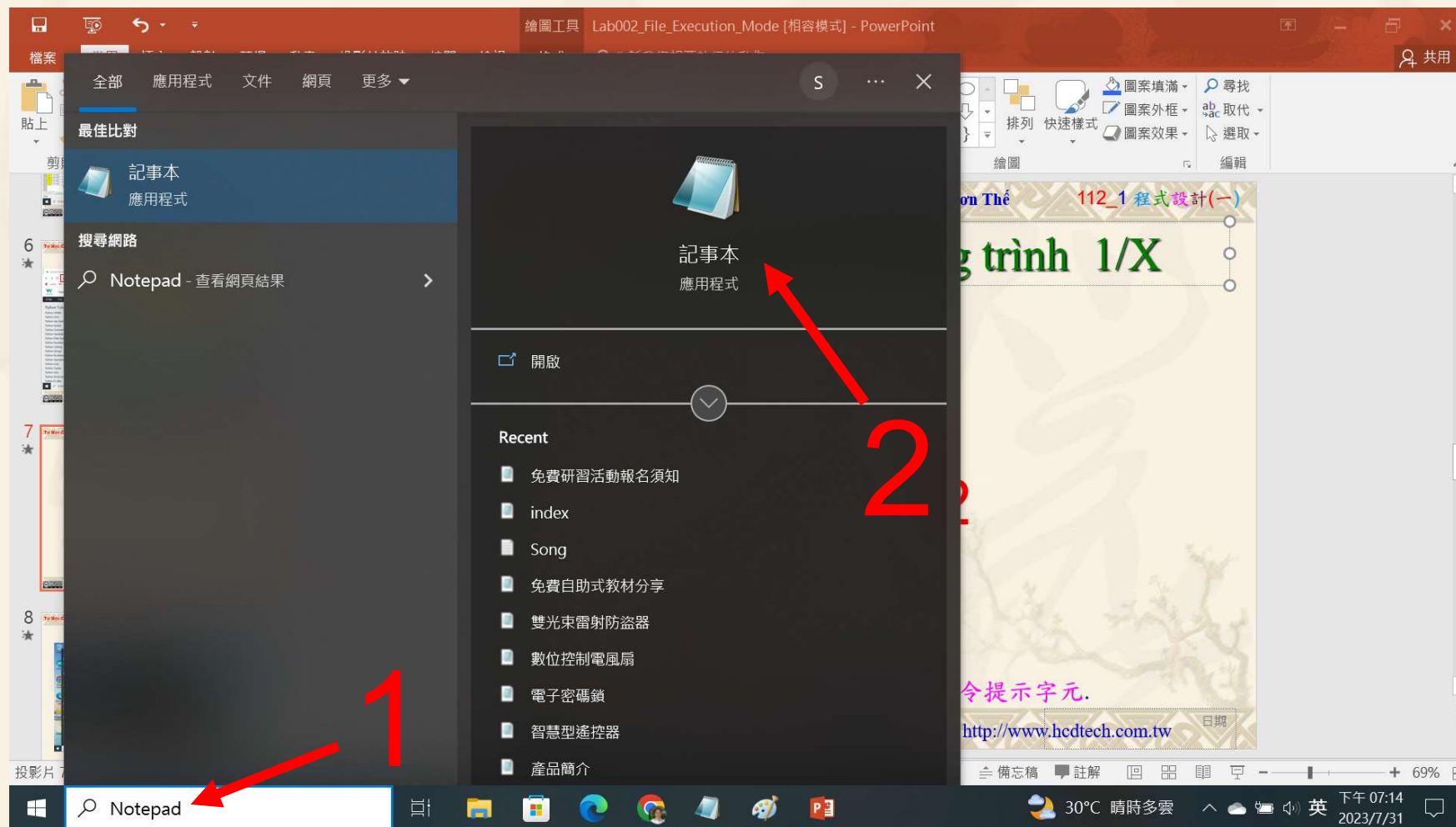
1. 用滑鼠點選檔案. 2. 用滑鼠點選另存為....

建立一個文字文件 7/7



1. 資料夾 = D:>.
2. 檔案名稱 = Q11211XXX.txt .
3. 存檔類型(T) = 文字文件(*.txt).
4. 用滑鼠點選存檔.

建立程式文件 1/4



1. 鍵盤輸入Notepad. 2. 用滑鼠點選記事本.

建立程式文件 2/4

```

*未命名 - 記事本
檔案(F) 編輯(E) 格式(O) 檢視(V) 說明
print("P11211XXX practices Lab088.")

#To open the file, use the built-in open() function:
f1 = open("P11211XXX.txt", "r")
print("f1: read all text ", f1.read())

#Open a file on a specified location:
f2 = open("D:\Q11211XXX.txt", "r")
print("f2: read all text ", f2.read())

#Return the 14 first characters of the file:
f3 = open("P11211XXX.txt", "r")
print("f3: read 14 first characters ", f3.read(14))

#Read one line of the file:
f4 = open("P11211XXX.txt", "r")
print("f4: read one line ", f4.readline())

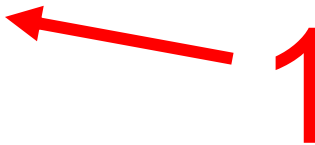
#Read two lines of the file:
f5 = open("P11211XXX.txt", "r")
print("f5: read two lines ", f5.readline())
print(f5.readline())

#Loop through the file line by line:
print("f6: read line by line ")
f6 = open("P11211XXX.txt", "r")
for x in f6:
    print(x)

#Close files:
f1.close()
f2.close()
    
```

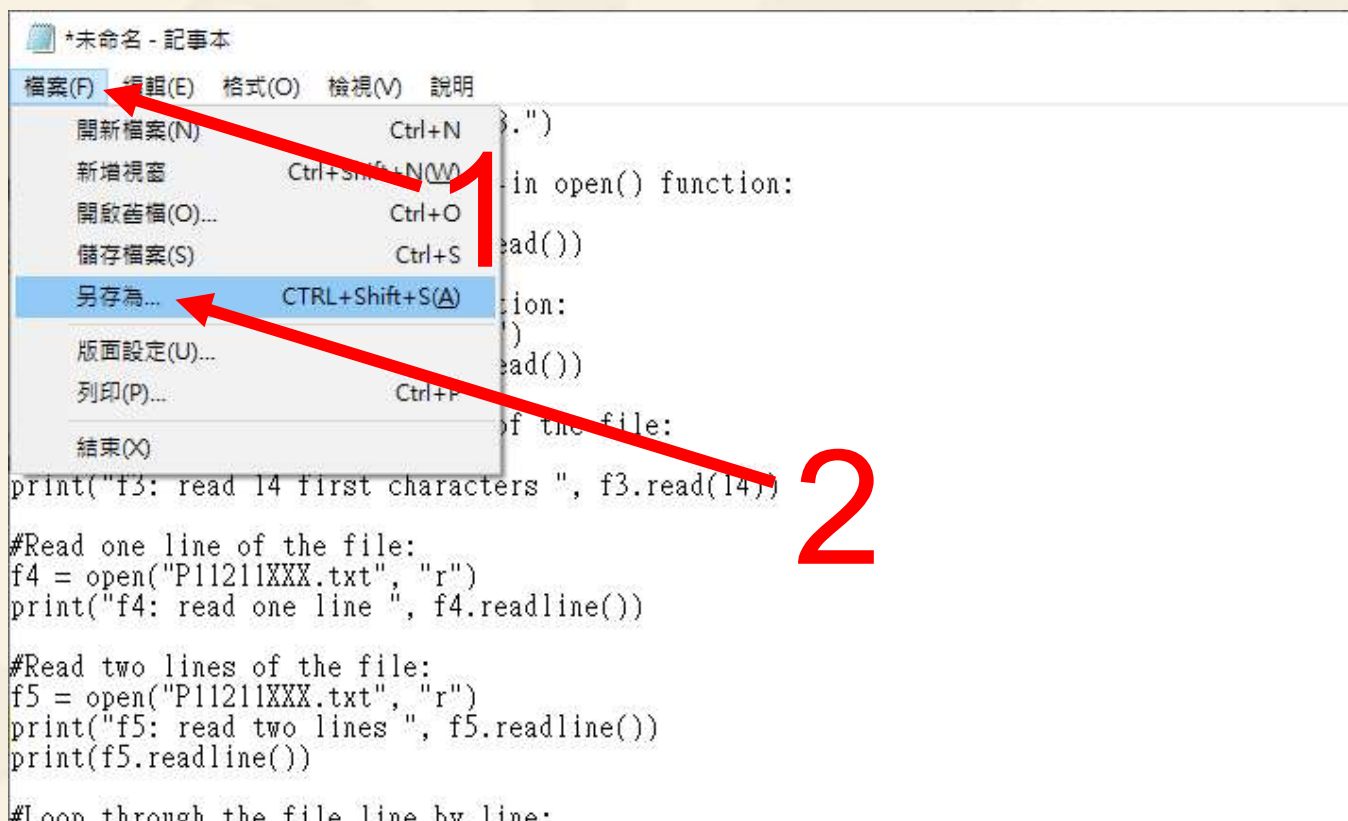
Replace P11211XXX with your student ID, and change P to Q

Replace all P11211XXX with your student ID



1. 用鍵盤輸入程式代碼.

建立程式文件 3/4



1. 用滑鼠點選 檔案. 2. 用滑鼠點選另存為....

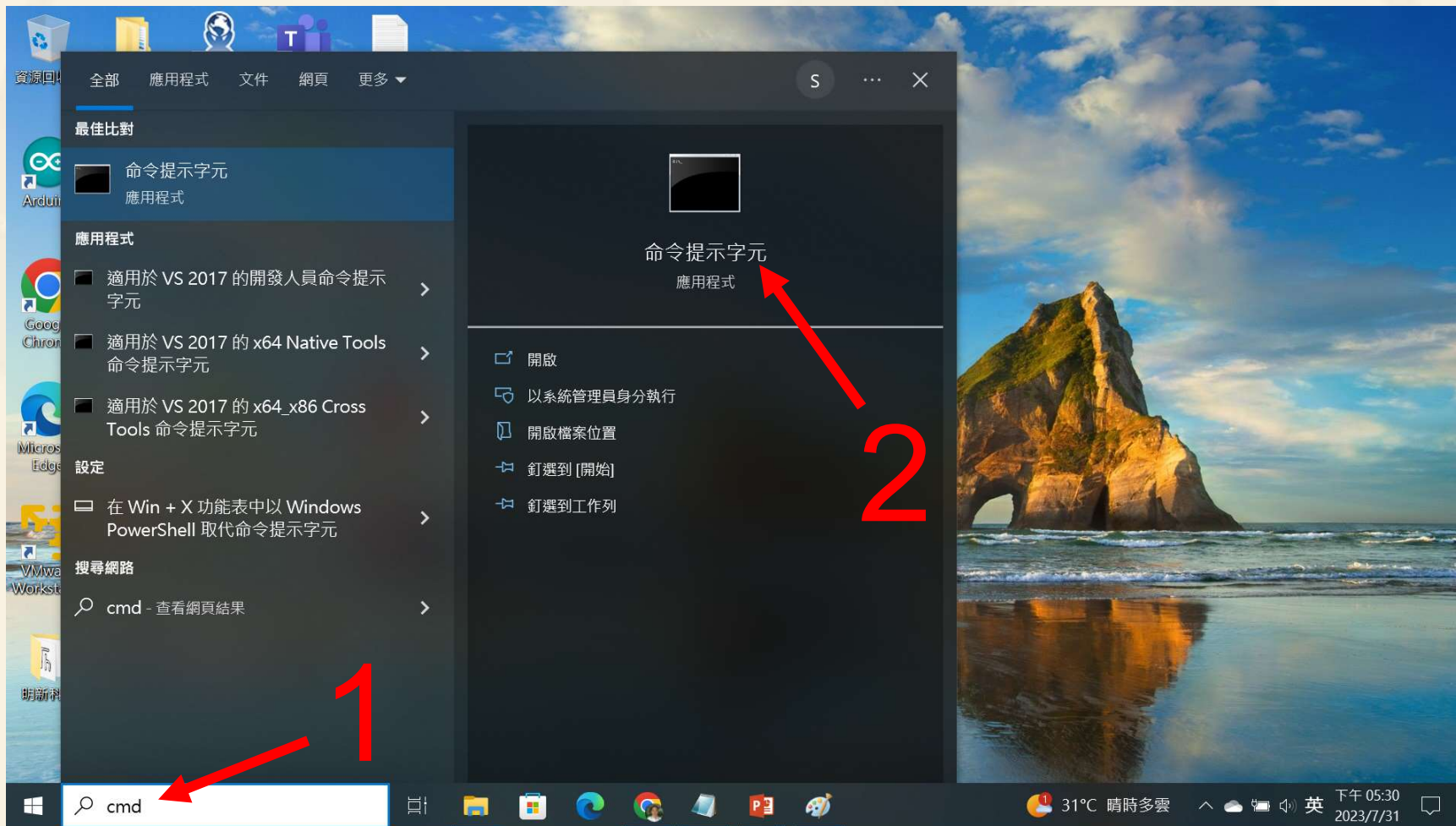
建立程式文件 4/4



Replace P11211XXX with your student ID

1. 資料夾 = C:\使用者>User>.
2. 檔案名稱 = P11211XXX.py .
3. 存檔類型(T) = 所有檔案.
4. 用滑鼠點選存檔.

檔案執行模式 1/2



1. 鍵盤輸入 cmd. 2. 用滑鼠點選命令提示字元.

檔案執行模式 2/2

命令提示字元

```
Microsoft Windows [版本 10.0.19045.3324]  
(c) Microsoft Corporation. 著作權所有，並保留一切權利。  
C:\Users\User>Python P11211XXX.py
```

Replace P11211XXX with your student ID

1

2

1. 鍵盤輸入 Python P11211XXX.py.
2. 按一下 Enter.

Verification Criteria of Lab088

(Lab088的驗收規範)讀取檔案

**P11211XXX 必需
更換為您的學號**

Ask the teacher to give you points after completing the illustrated results.

(完成右圖指定成果後請教師在您的座位驗收並讓您簽名加分)

```

命令提示字元
Microsoft Windows [版本 10.0.19043.2193]
(c) Microsoft Corporation. 著作權所有, 並保留一切權利。

C:\Users\User>Python P11211XXX.py
P11211XXX practices Lab088.
f1: read all text Hello! Welcome to P11211XXX.txt
P11211XXX is the best student of UCH.
This file is for testing purposes.
f2: read all text Hello! Welcome to P11211XXX.txt
P11211XXX is an excellent student of UCH.
This file is for testing purposes.
f3: read 14 first characters Hello! Welcome
f4: read one line Hello! Welcome to P11211XXX.txt

f5: read two lines Hello! Welcome to P11211XXX.txt

P11211XXX is the best student of UCH.

f6: read line by line
Hello! Welcome to P11211XXX.txt

P11211XXX is the best student of UCH.

This file is for testing purposes.

C:\Users\User>

```

```

P11211XXX - 記事本
檔案(F) 編輯(E) 格式(O) 檢視(V) 說明
print("P11211XXX practices Lab088.")

#To open the file, use the built-in open() function:
f1 = open("P11211XXX.txt", "r")
print("f1: read all text ", f1.read())

#Open a file on a specified location:
f2 = open("D:\Q11211XXX.txt", "r")
print("f2: read all text ", f2.read())

#Return the 14 first characters of the file:
f3 = open("P11211XXX.txt", "r")
print("f3: read 14 first characters ", f3.read(14))

#Read one line of the file:
f4 = open("P11211XXX.txt", "r")
print("f4: read one line ", f4.readline())

#Read two lines of the file:
f5 = open("P11211XXX.txt", "r")
print("f5: read two lines ", f5.readline())
print(f5.readline())

#Loop through the file line by line:
print("f6: read line by line ")
f6 = open("P11211XXX.txt", "r")
for x in f6:
    print(x)

#Close files:
f1.close()
f2.close()

```

Every student must do Lab088 once!

養成良好的工作態度

- 離開實驗室時請整理自己的工作座位，為自己的工作態度加分：
 - (1)滑鼠鍵盤歸位 (2)電腦關機 (3)螢幕關閉電源 (4)椅背靠妥 (5)個人責任區(工作座位及週邊範圍)應整潔，不遺留垃圾紙屑等。

