

The background of the slide is a grayscale photograph of three students in a laboratory setting. They are gathered around a table, looking at a laptop screen. One student is pointing at the screen, while the others look on. Various lab equipment, including a microscope and beakers, are visible on the table.

KSU

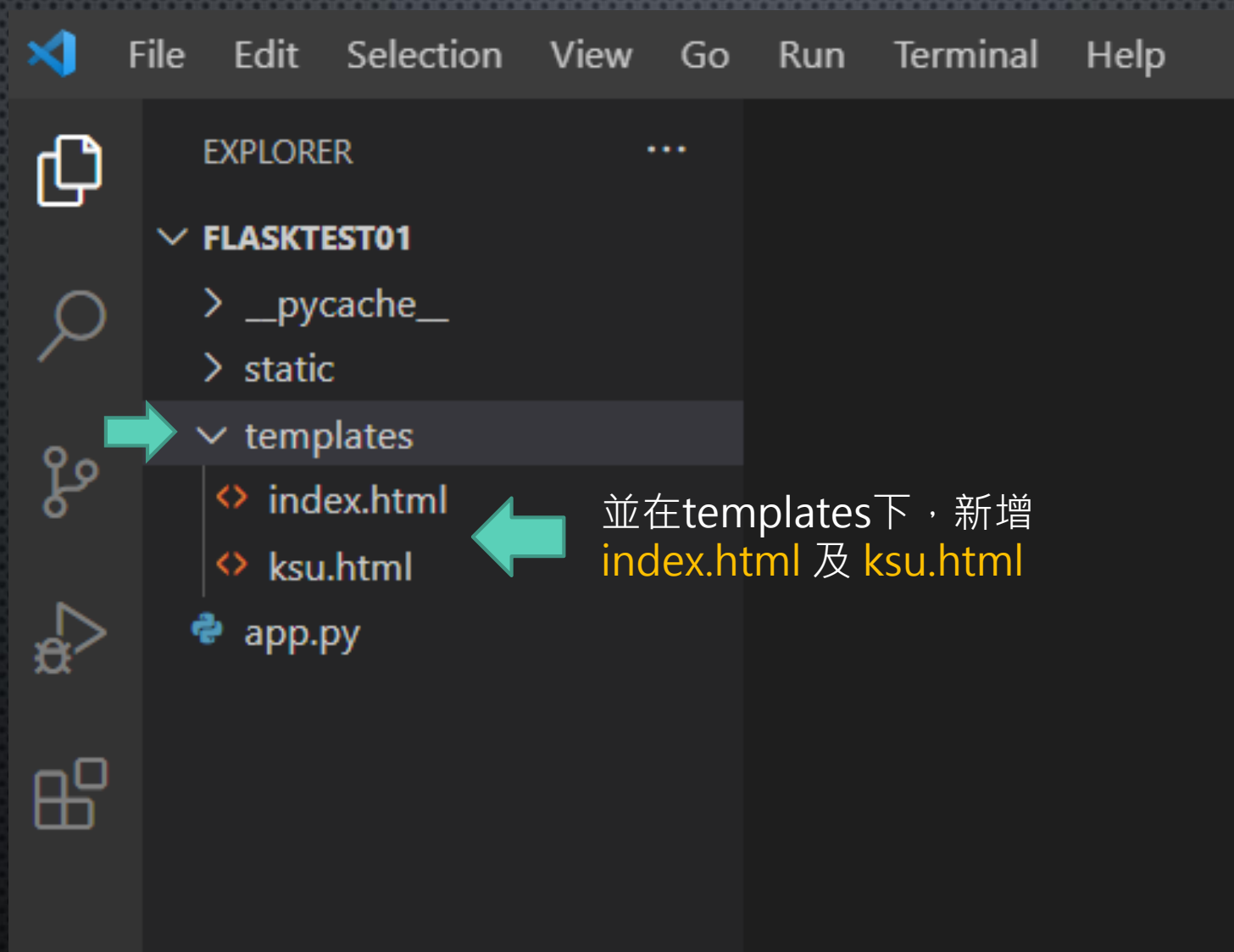
伺服器網頁程式

設計

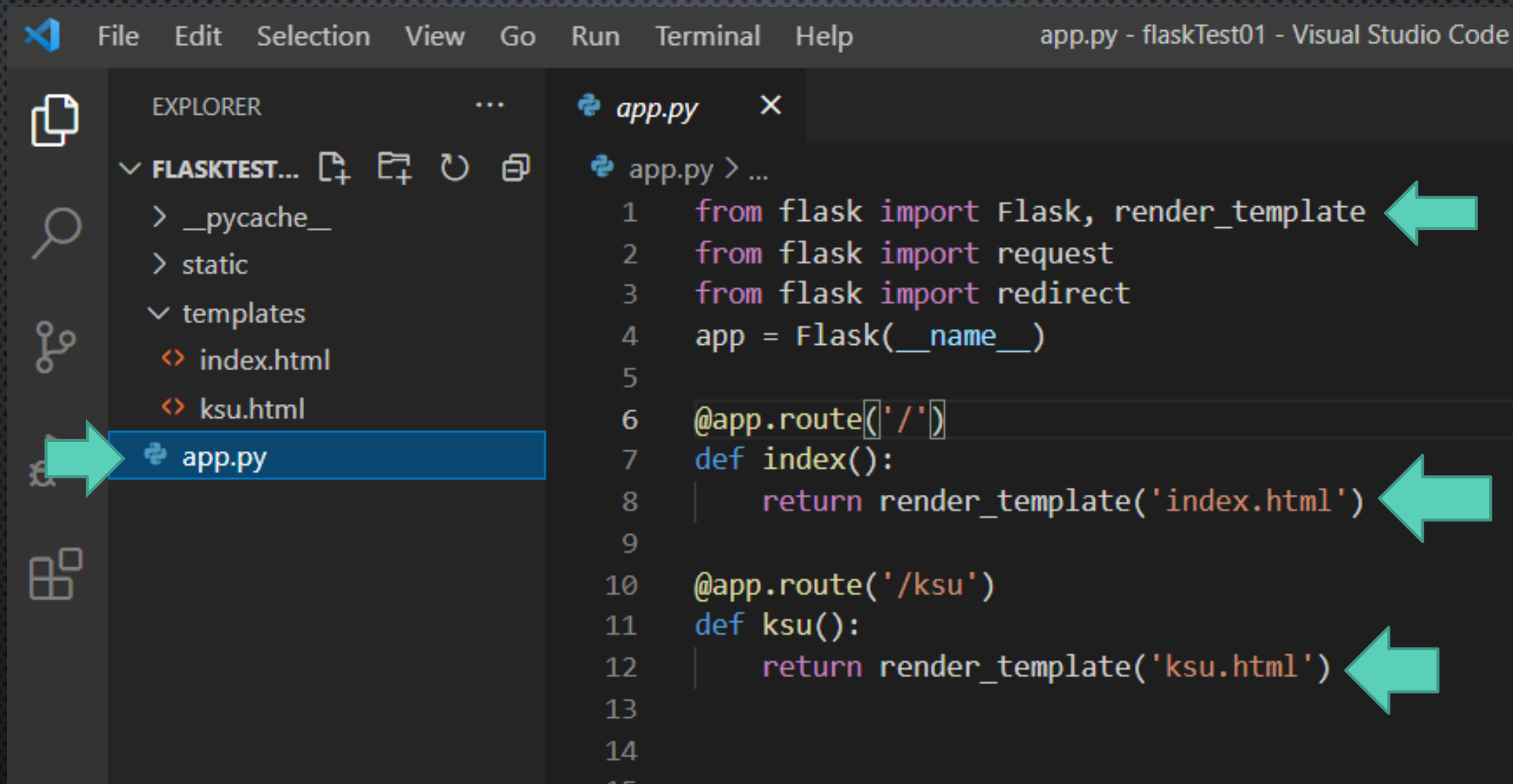
Kun Shan University
Tsung Lu Michael lee

如何使用 `render_template()` 函式

在 flaskTest01 專案下建立資料夾 templates



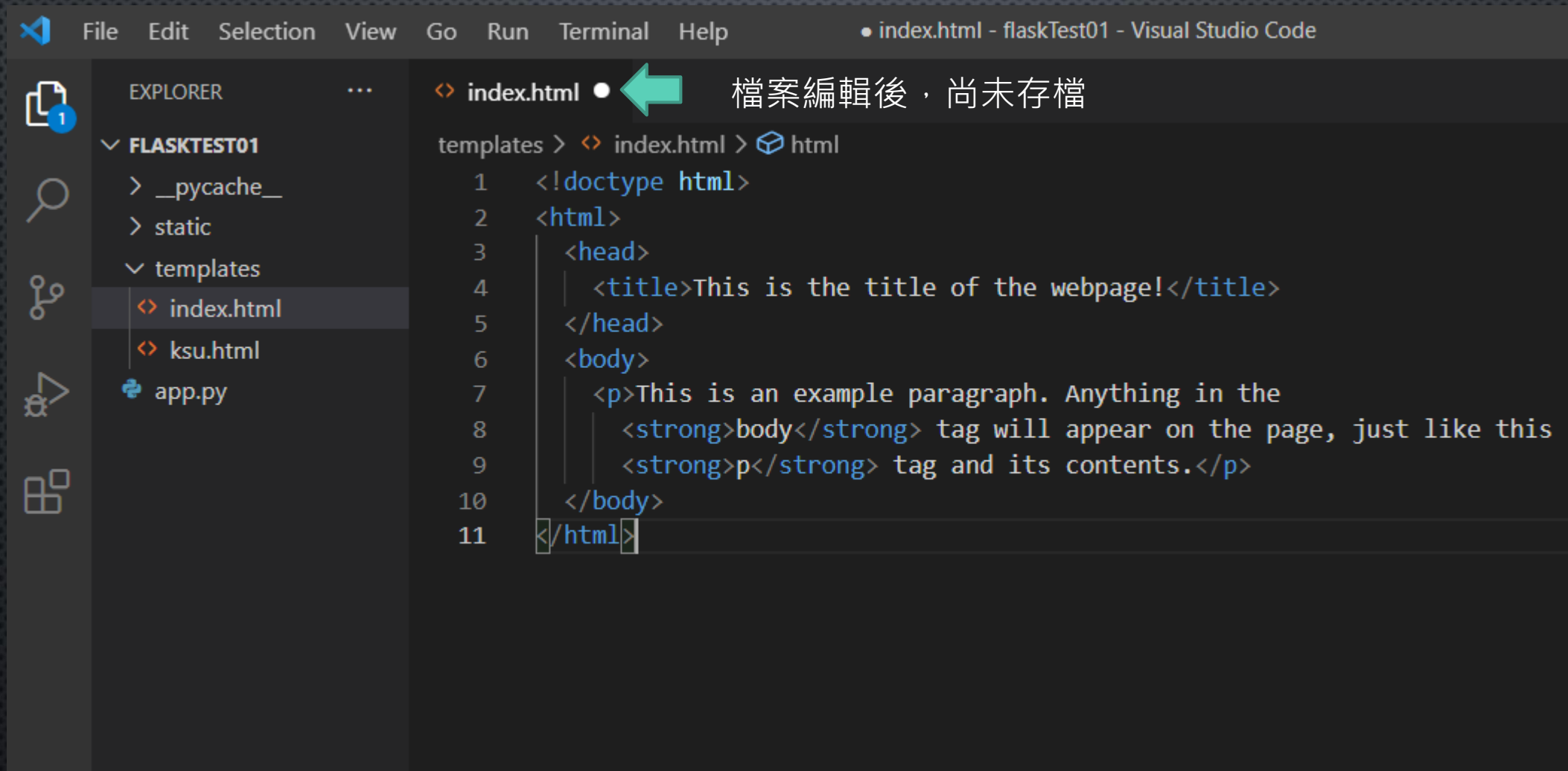
編輯 app.py



編輯 index.html

- `<!DOCTYPE HTML>`
- `<HTML>`
- `<HEAD>`
- `<TITLE>THIS IS THE TITLE OF THE WEBPAGE!</TITLE>`
- `</HEAD>`
- `<BODY>`
- `<P>THIS IS AN EXAMPLE PARAGRAPH. ANYTHING IN THE BODY TAG WILL APPEAR ON THE PAGE, JUST LIKE THIS P TAG AND ITS CONTENTS.</P>`
- `</BODY>`
- `</HTML>`

編輯 index.html



File Edit Selection View Go Run Terminal Help • index.html - flaskTest01 - Visual Studio Code

EXPLORER

- FLASKTEST01
 - __pycache__
 - static
 - templates
 - index.html
 - ksu.html
 - app.py

templates > index.html > html

```
1 <!doctype html>
2 <html>
3   <head>
4     <title>This is the title of the webpage!</title>
5   </head>
6   <body>
7     <p>This is an example paragraph. Anything in the
8       <strong>body</strong> tag will appear on the page, just like this
9       <strong>p</strong> tag and its contents.</p>
10    </body>
11  </html>
```

編輯 index.html

index.html - flaskTest01 - Visual Studio Code

EXPLORER

- FLASKTEST01
 - __pycache__
 - static
 - templates
 - index.html
 - ksu.html
 - app.py

templates > index.html > html

```
4 | <title>This is the title of the webpage!</title>
5 | </head>
6 | <body>
7 |   <p>This is an example paragraph. Anything in the
8 |     <strong>body</strong> tag will appear on the page, just like this
9 |     <strong>p</strong> tag and its contents.</p>
10 | </body>
11 | </html>
```

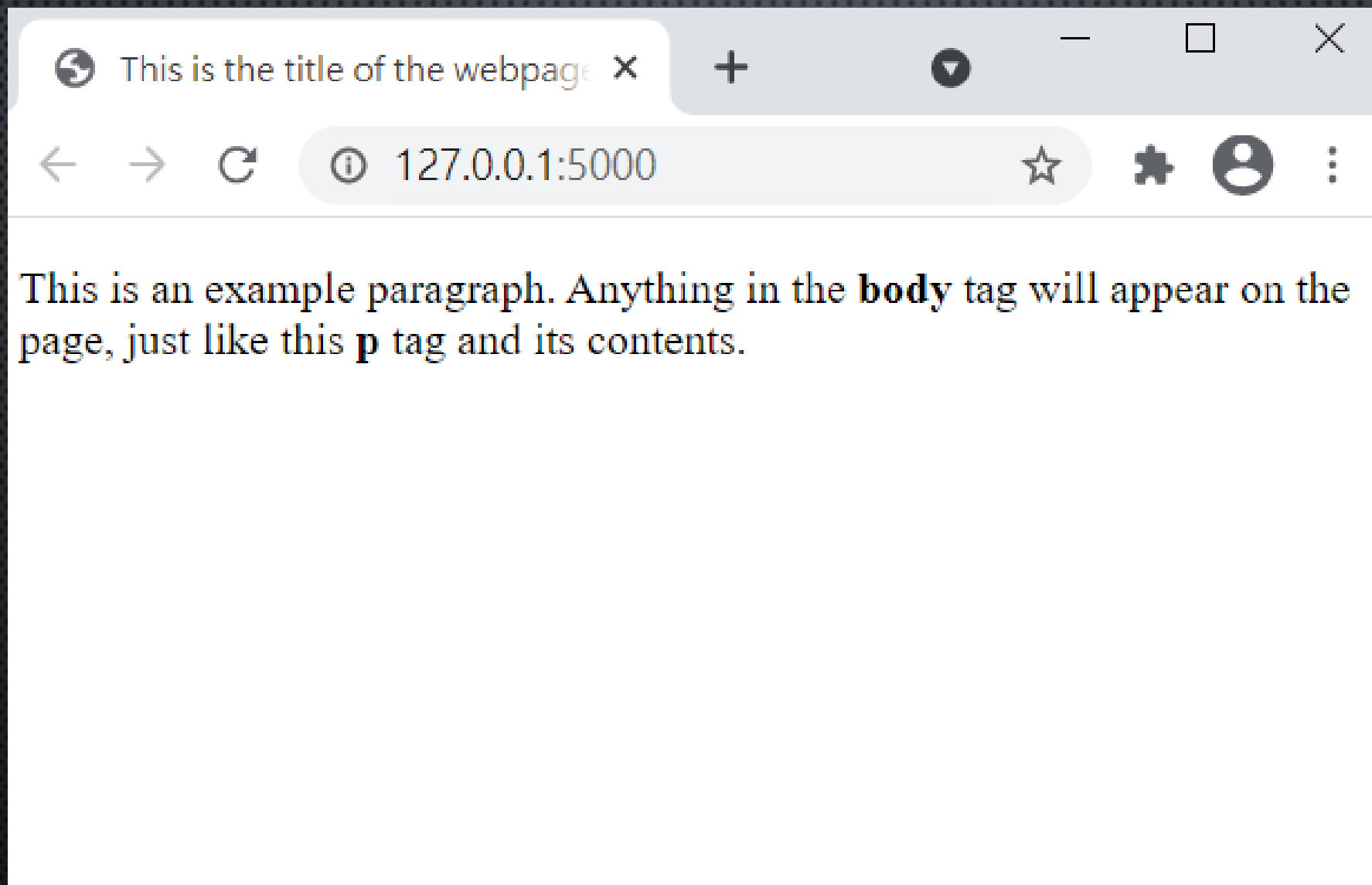
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

2: flask

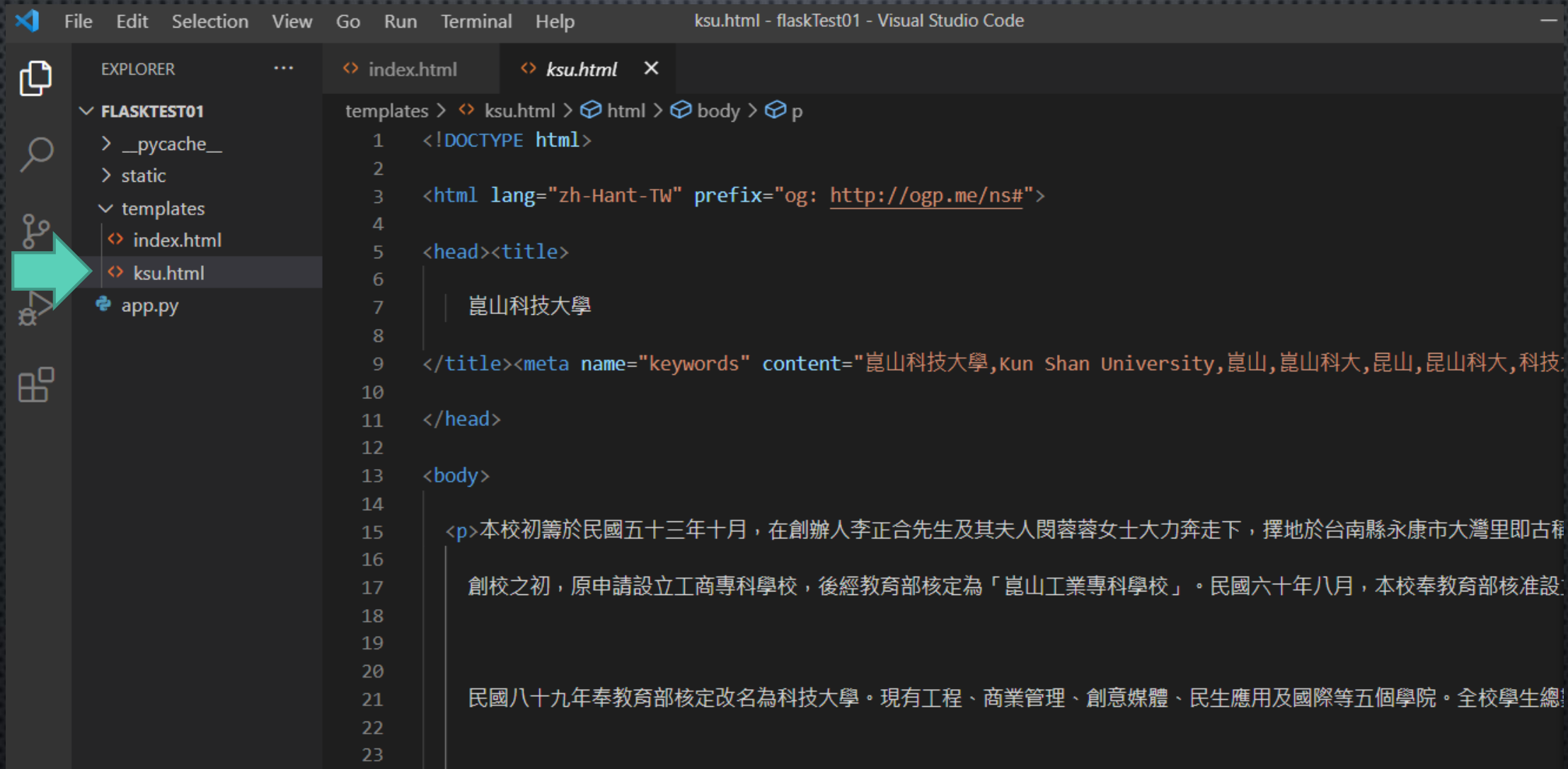
```
127.0.0.1 - - [25/Mar/2021 16:34:36] "GET /static/style.css HTTP/1.1" 200 -
127.0.0.1 - - [25/Mar/2021 16:34:36] "GET /favicon.ico HTTP/1.1" 404 -
PS C:\Users\Michael T.-L. Lee\Documents\FLASK2021\flaskTest01> set FLASK_APP=app.py
PS C:\Users\Michael T.-L. Lee\Documents\FLASK2021\flaskTest01> flask run
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

執行 set app 指令
執行 flask run 指令

開啟網頁



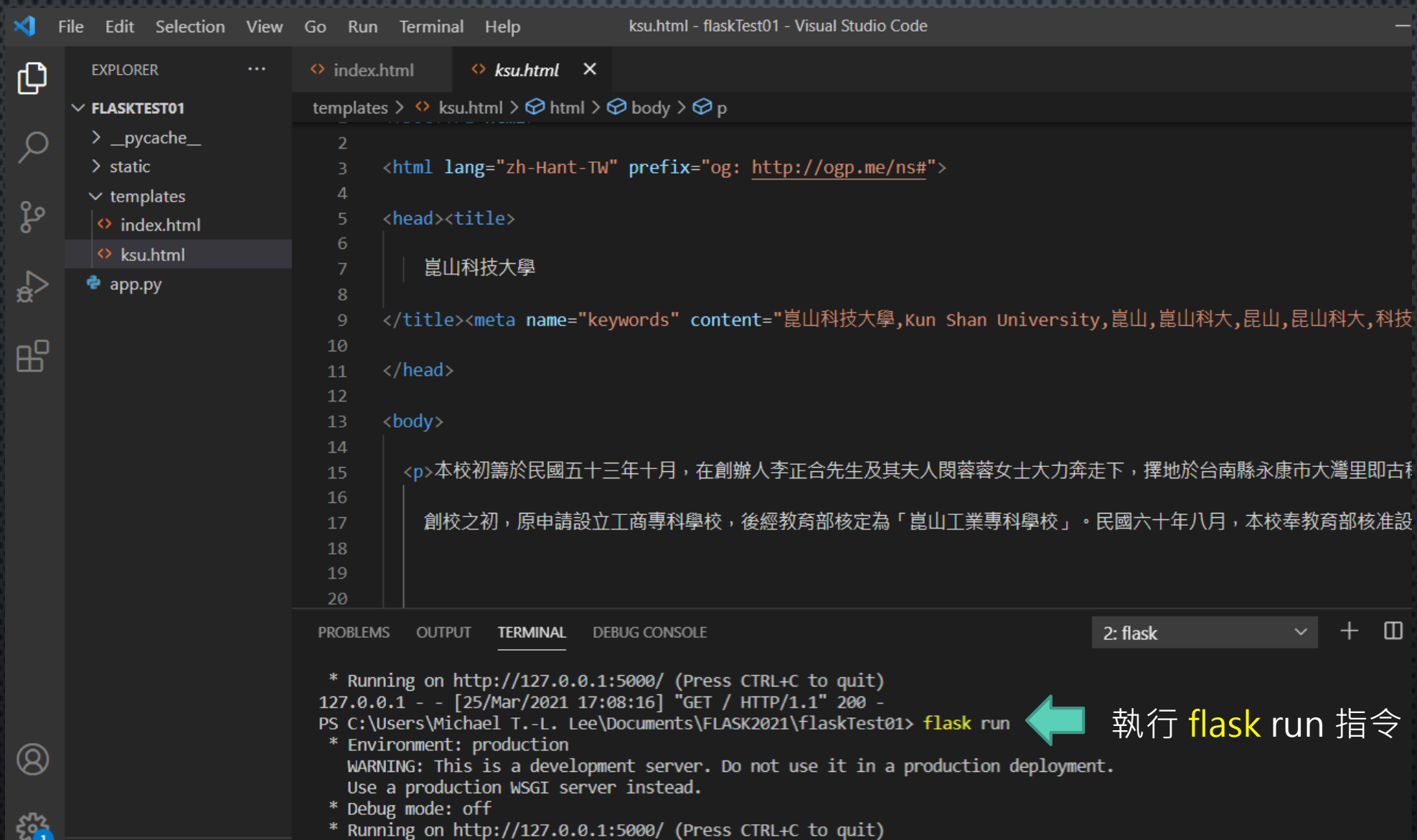
編輯 ksu.html



The screenshot shows the Visual Studio Code interface with the file explorer on the left and the code editor on the right. The file explorer shows the project structure for 'FLASKTEST01', including a 'templates' directory. The 'ksu.html' file is highlighted in the explorer, and a green arrow points to it. The code editor shows the content of 'ksu.html', which is an HTML file for Kun Shan University. The code includes a DOCTYPE declaration, a lang attribute set to 'zh-Hant-TW', a prefix attribute, a title '崑山科技大學', and a meta tag for keywords. The body contains a paragraph about the university's history.

```
1 <!DOCTYPE html>
2
3 <html lang="zh-Hant-TW" prefix="og: http://ogp.me/ns#">
4
5 <head><title>
6   崑山科技大學
7
8 </title><meta name="keywords" content="崑山科技大學,Kun Shan University,崑山,崑山科大,昆山,昆山科大,科技大學">
9
10 </head>
11
12 <body>
13
14 <p>本校初籌於民國五十三年十月，在創辦人李正合先生及其夫人閔蓉蓉女士大力奔走下，擇地於台南縣永康市大灣里即古稱
15
16 創校之初，原申請設立工商專科學校，後經教育部核定為「崑山工業專科學校」。民國六十年八月，本校奉教育部核准設
17
18
19
20
21 民國八十九年奉教育部核定改名為科技大學。現有工程、商業管理、創意媒體、民生應用及國際等五個學院。全校學生總
22
23
```

編輯 ksu.html



The screenshot shows the Visual Studio Code interface with the `ksu.html` file open in the editor. The file content is as follows:

```
2
3 <html lang="zh-Hant-TW" prefix="og: http://ogp.me/ns#">
4
5 <head><title>
6   崑山科技大學
7 </title><meta name="keywords" content="崑山科技大學,Kun Shan University,崑山,崑山科大,昆山,昆山科大,科技
8
9 </head>
10
11 <body>
12
13   <p>本校初籌於民國五十三年十月，在創辦人李正合先生及其夫人閔蓉蓉女士大力奔走下，擇地於台南縣永康市大灣里即古科
14
15   創校之初，原申請設立工商專科學校，後經教育部核定為「崑山工業專科學校」。民國六十年八月，本校奉教育部核准設
16
17
18
19
20
```

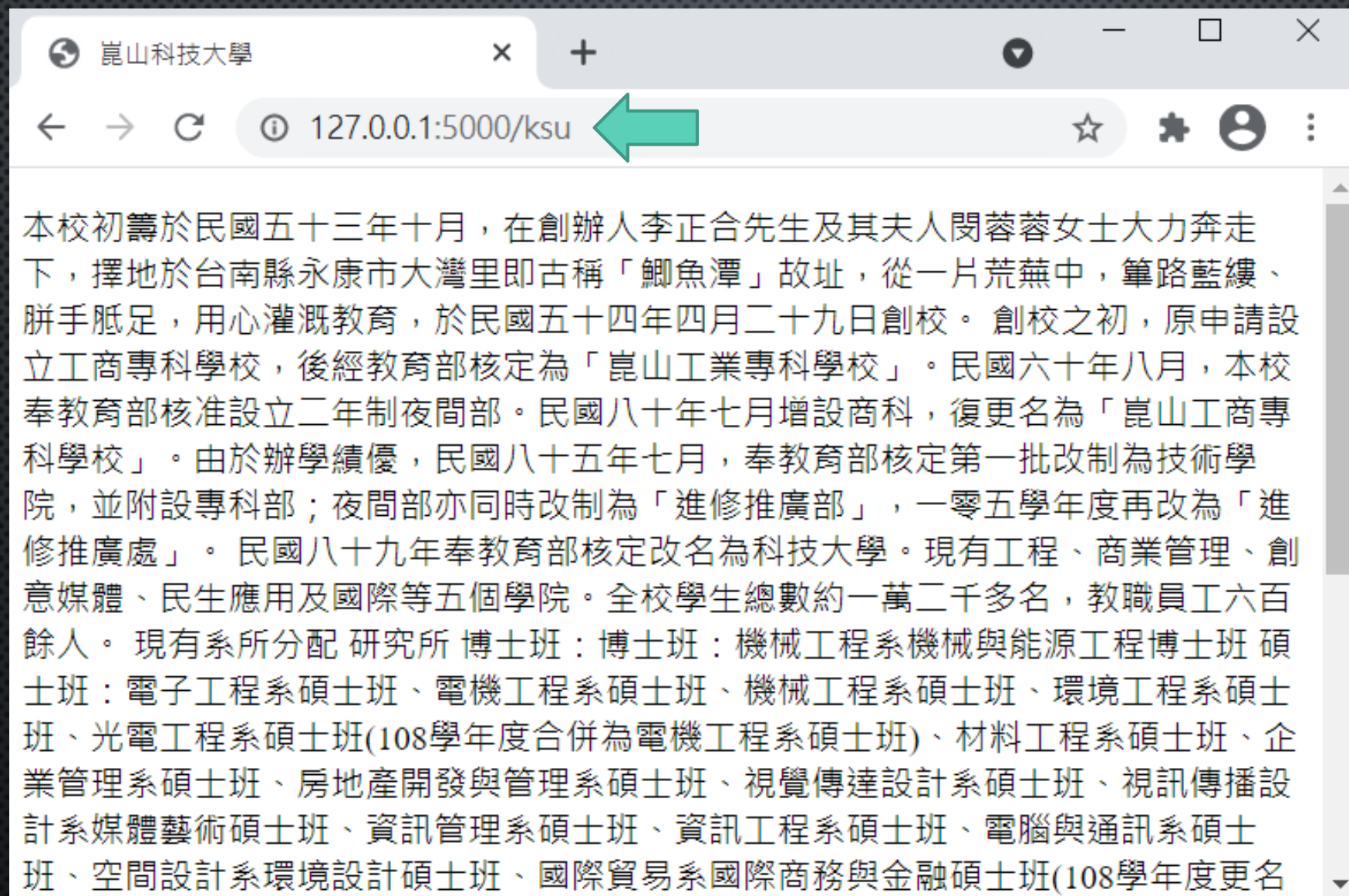
The terminal at the bottom shows the output of the `flask run` command:

```
2: flask
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
127.0.0.1 - - [25/Mar/2021 17:08:16] "GET / HTTP/1.1" 200 -
PS C:\Users\Michael T.-L. Lee\Documents\FLASK2021\flaskTest01> flask run
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

A green arrow points to the `flask run` command in the terminal, with the text "執行 flask run 指令" (Execute flask run command) next to it.

開啟網頁

```
@app.route('/ksu')  
def ksu():  
    return render_template('ksu.html')
```





THANKS

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