

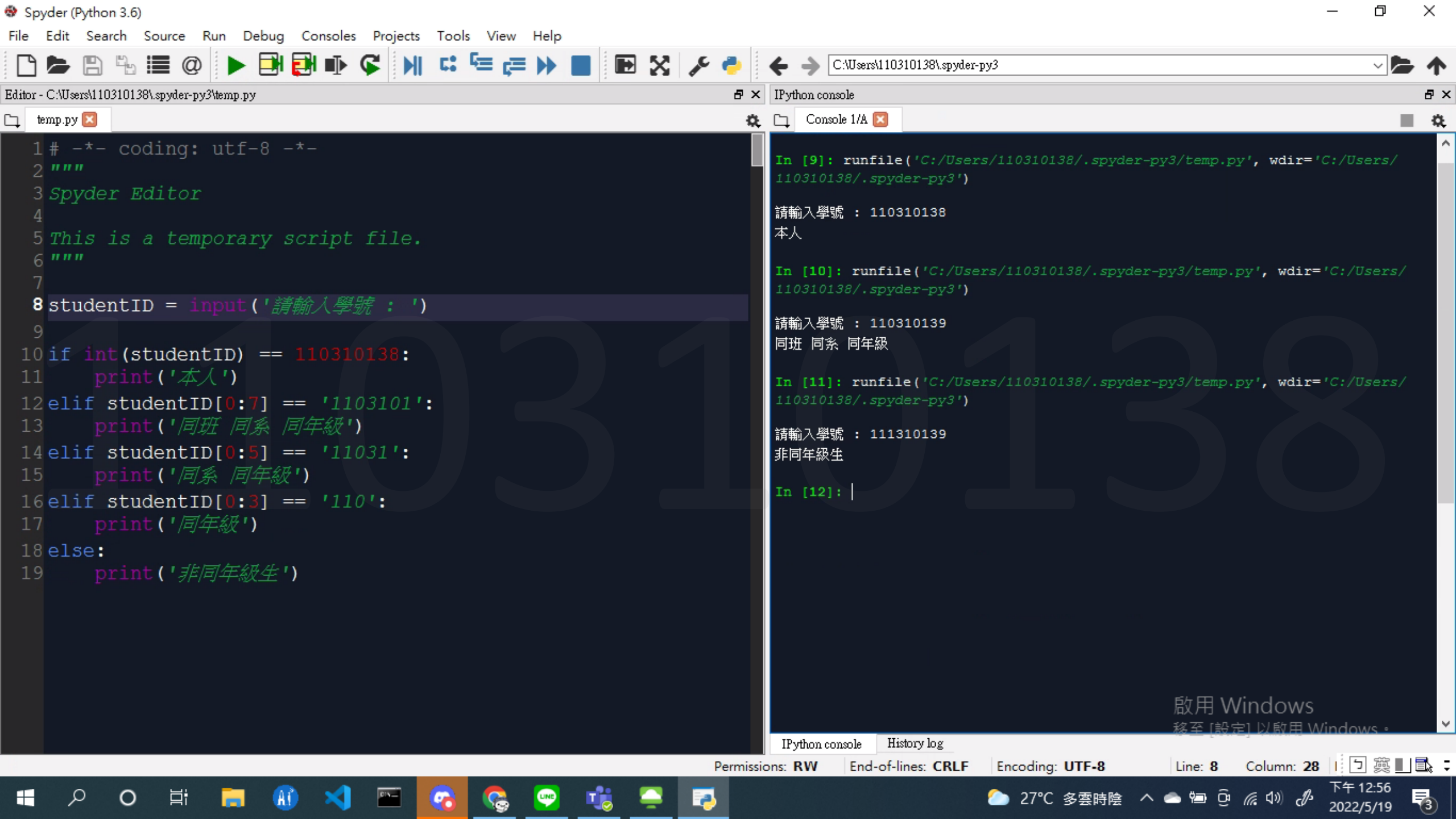
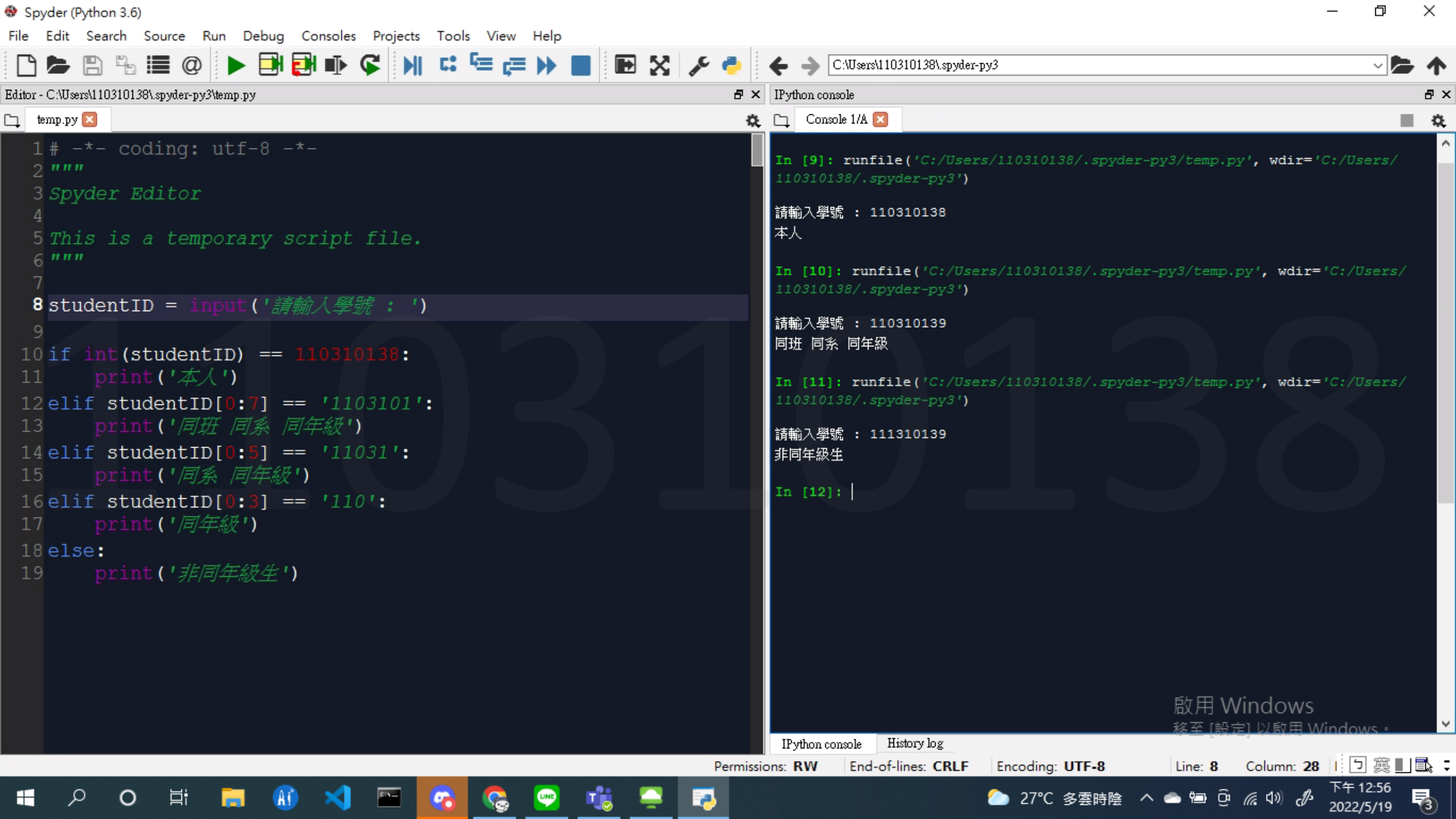
# Object Oriented Programming

## Python - Selection Structure

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2022/05/19



FileEditSearchSourceRunDebugConsolesProjectsToolsViewHelp

temp.py

untitled0.py

```
1 # -*- coding: utf-8 -*-
2 """
3 Created on Thu May 19 12:57:01 2022
4
5 @author: 110310138
6 """
7
8 studentID = input('請輸入學號 : ')
9
10 if len(studentID) == 9:
11
12     weight = int(input('請輸入體重(kg): '))
13     height = float(input('請輸入身高(m): '))
14     print()
15
16     BMI = weight / height ** 2
17     print('BMI =', BMI)
18
19     if BMI < 18:
20         print('體重過輕')
21     elif BMI < 24:
22         print('體重正常')
23     elif BMI < 27:
24         print('體重過重')
25     else:
26         print('體重超重')
27
28 else:
29     print('學號格式錯誤!')
```

IPython console

Console 1/A

```
In [17]: runfile('C:/Users/110310138/.spyder-py3/untitled0.py', wdir='C:/
Users/110310138/.spyder-py3')

請輸入學號 : 110
學號格式錯誤!

In [18]: runfile('C:/Users/110310138/.spyder-py3/untitled0.py', wdir='C:/
Users/110310138/.spyder-py3')

請輸入學號 : 110310138

請輸入體重(kg): 70

請輸入身高(m): 1.7

BMI = 24.221453287197235
體重過重

In [19]: runfile('C:/Users/110310138/.spyder-py3/untitled0.py', wdir='C:/
Users/110310138/.spyder-py3')

請輸入學號 : 110310138

請輸入體重(kg): 40

請輸入身高(m): 1.5

BMI = 17.77777777777778
體重過輕

In [20]:
```

IPython consoleHistory log

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27°C 多雲時陰下午 01:08 2022/5/19