

<https://github.com/Alex88Wang/PLMA/tree/main/20240408>

The screenshot shows a Google Colab notebook with two Python exercises. The first exercise calculates BMI and weight status based on height and weight. The second exercise calculates the area of a triangle based on three input numbers.

```
# Exercise 1: BMI and Weight Status
a = int(input("請輸入身高" "(公分)="))
b = int(input("請輸入體重" "(公斤)="))
w=a*a
z = b/a
print("BMI:",z)
if z < 18.5:
    print("過輕")
elif z>18.5 and z<24:
    print("適中")
elif z>24 and z<27:
    print("過重")
elif z>27:
    print("肥胖")

# Exercise 2: Triangle Area
a = int(input("請輸入第一條數字a=" ))
b = int(input("請輸入第二條數字b=" ))
c = int(input("請輸入第三條數字c=" ))
if b == "a" :
    print(a*b)
elif b == "c" :
    print(a*c)
elif b == "a" :
    print(a*b)
elif b == "c" :
    print(a*c)

# Input and Output for Exercise 2
請輸入第一條數字a=6
請輸入第二條數字b=7
請輸入第三條數字c=0
1.0000000000000000
```

Output for Exercise 1:  
請輸入身高(公分)=185  
請輸入體重(公斤)=75  
BMI: 21.5186090789478  
適中

Output for Exercise 2:  
請輸入第一條數字a=6  
請輸入第二條數字b=7  
請輸入第三條數字c=0  
1.0000000000000000