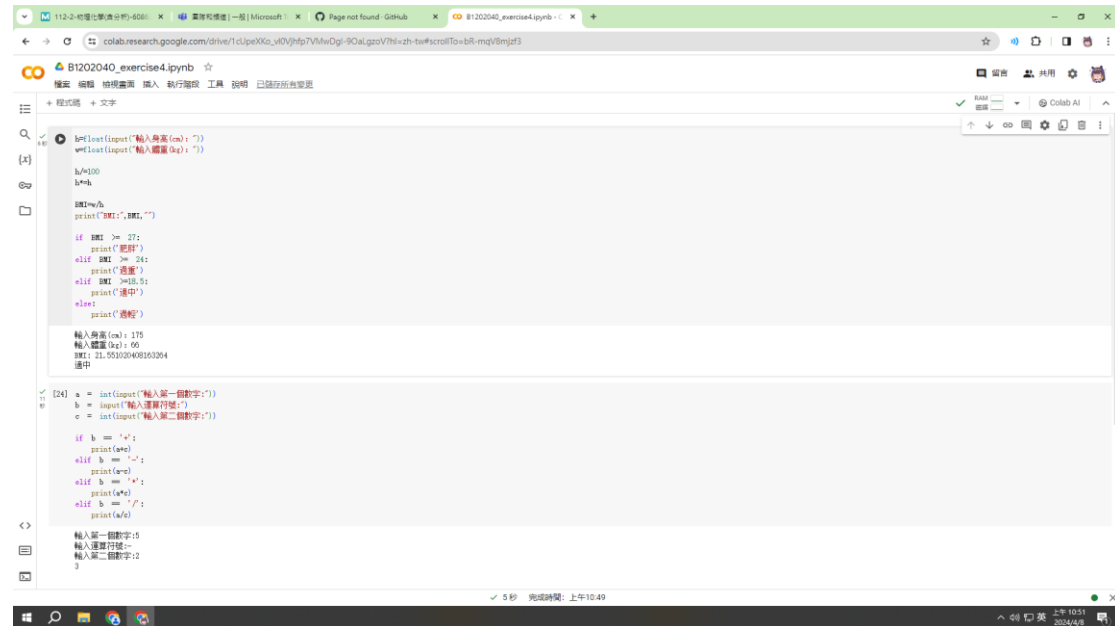


<https://github.com/justinH9881/PLMA/tree/main/20240408>



The screenshot shows a Jupyter Notebook titled "B1202040\_exercise4.ipynb" in a web browser. The interface includes a top toolbar with icons for saving, running, and other functions. The notebook contains two code cells. The first cell calculates BMI based on input height (m) and weight (kg), with a comment in Chinese. The second cell performs arithmetic operations on two input numbers. The output of the first cell shows a BMI of 21.55, categorized as "适中" (moderate). The output of the second cell shows the sum, difference, product, and quotient of the inputs 15 and 12.

```
# BMI 計算 (BMI = 體重 (kg) / 身高 (m) 的平方)
def BMI(m, kg):
    bmi = kg / (m ** 2)
    return bmi

# 輸入身高 (m) 和體重 (kg)
m = float(input("輸入身高 (m): "))
kg = float(input("輸入體重 (kg): "))

bmi = BMI(m, kg)
print("BMI: %.2f" % bmi)

# 判斷 BMI 範圍
if bmi < 18.5:
    print("過輕")
elif 18.5 <= bmi < 24:
    print("適中")
else:
    print("過重")

# 輸入 BMI 值
bmi = float(input("輸入 BMI 值: "))
print("BMI 範圍: ", end="")
if bmi < 18.5:
    print("過輕")
elif 18.5 <= bmi < 24:
    print("適中")
else:
    print("過重")
```

```
# 輸入兩個數字
a = int(input("輸入第一個數字: "))
b = int(input("輸入第二個數字: "))

# 計算和、差、積、商
sum = a + b
diff = a - b
prod = a * b
quot = a / b

print("和: %d" % sum)
print("差: %d" % diff)
print("積: %d" % prod)
print("商: %.2f" % quot)
```