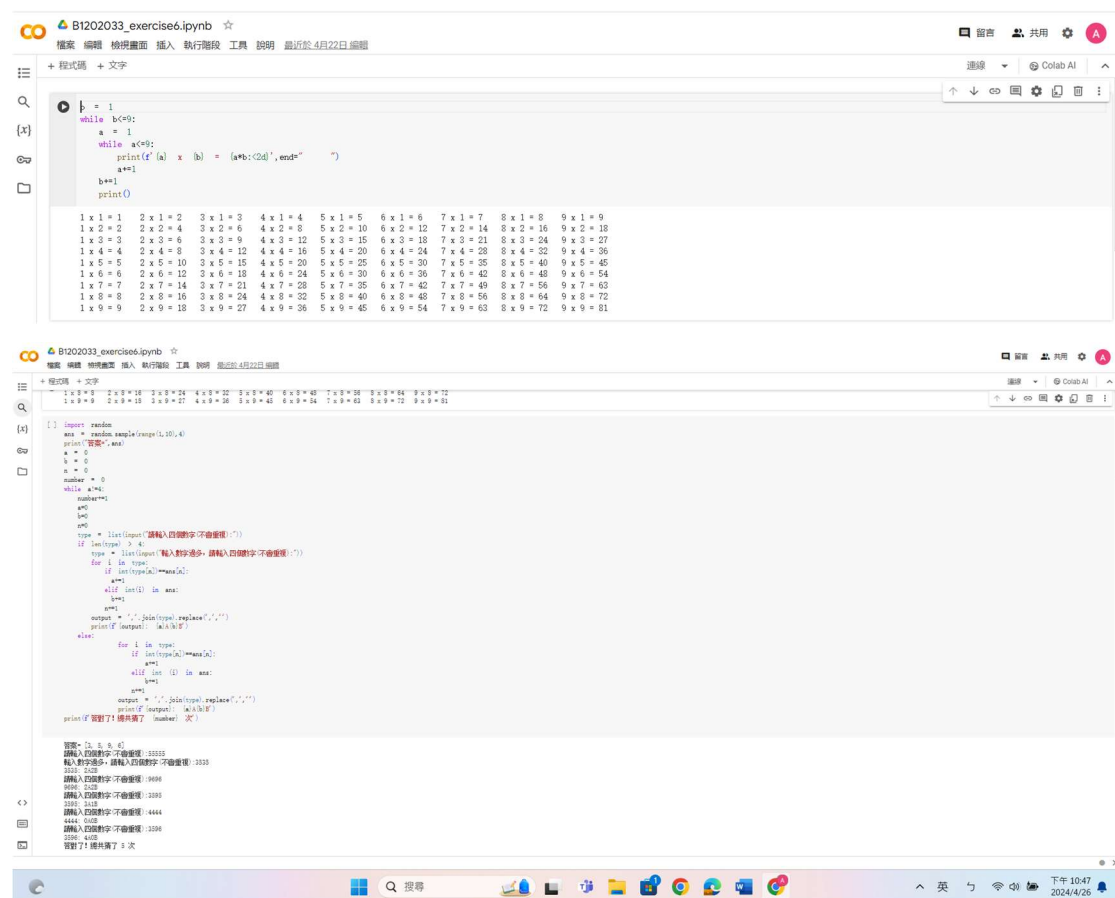


<https://github.com/Alex88Wang/PLMA/tree/main/20240422>



The screenshot displays a Jupyter Notebook environment with two code cells and their respective outputs.

**Code Cell 1:**

```
b = 1
while b<9:
    a = 1
    while a<=b:
        print(f'{a} x {b} = {a*b}<2>',end=" ")
        a+=1
    b+=1
    print()
```

**Output of Code Cell 1:**

```
1 x 1 = 1 2 x 1 = 2 3 x 1 = 3 4 x 1 = 4 5 x 1 = 5 6 x 1 = 6 7 x 1 = 7 8 x 1 = 8 9 x 1 = 9
1 x 2 = 2 2 x 2 = 4 3 x 2 = 6 4 x 2 = 8 5 x 2 = 10 6 x 2 = 12 7 x 2 = 14 8 x 2 = 16 9 x 2 = 18
1 x 3 = 3 2 x 3 = 6 3 x 3 = 9 4 x 3 = 12 5 x 3 = 15 6 x 3 = 18 7 x 3 = 21 8 x 3 = 24 9 x 3 = 27
1 x 4 = 4 2 x 4 = 8 3 x 4 = 12 4 x 4 = 16 5 x 4 = 20 6 x 4 = 24 7 x 4 = 28 8 x 4 = 32 9 x 4 = 36
1 x 5 = 5 2 x 5 = 10 3 x 5 = 15 4 x 5 = 20 5 x 5 = 25 6 x 5 = 30 7 x 5 = 35 8 x 5 = 40 9 x 5 = 45
1 x 6 = 6 2 x 6 = 12 3 x 6 = 18 4 x 6 = 24 5 x 6 = 30 6 x 6 = 36 7 x 6 = 42 8 x 6 = 48 9 x 6 = 54
1 x 7 = 7 2 x 7 = 14 3 x 7 = 21 4 x 7 = 28 5 x 7 = 35 6 x 7 = 42 7 x 7 = 49 8 x 7 = 56 9 x 7 = 63
1 x 8 = 8 2 x 8 = 16 3 x 8 = 24 4 x 8 = 32 5 x 8 = 40 6 x 8 = 48 7 x 8 = 56 8 x 8 = 64 9 x 8 = 72
1 x 9 = 9 2 x 9 = 18 3 x 9 = 27 4 x 9 = 36 5 x 9 = 45 6 x 9 = 54 7 x 9 = 63 8 x 9 = 72 9 x 9 = 81
```

**Code Cell 2:**

```
import random
ans = random.sample(range(1,10),4)
print("答案:",ans)
a = 0
b = 0
n = 0
number = 0
while a!=4:
    number+=1
    a+=1
    b+=1
    type = list(input("請輸入四位數字(不要重複):"))
    if len(type) > 4:
        type = list(input("輸入數字過多,請輸入四位數字(不要重複):"))
    for i in type:
        if int(type[a])==ans[a]:
            a+=1
            b+=1
        elif int(i) in ans:
            a+=1
            b+=1
        else:
            for i in type:
                if int(type[a])==ans[a]:
                    a+=1
                    b+=1
                elif int(i) in ans:
                    a+=1
                    b+=1
            output = ','.join(type.replace(",",""))
            print(f"第{number}次: {a}/{b}")
            a=0
            b=0
            n+=1
            output = ','.join(type.replace(",",""))
            print(f"第{number}次: {a}/{b}")
    print(f"第{number}次: {a}/{b}")
```

**Output of Code Cell 2:**

```
答案: [1, 5, 8, 6]
請輸入四位數字(不要重複): 1111
輸入數字過多,請輸入四位數字(不要重複): 1111
1111 - 0/0
請輸入四位數字(不要重複): 9999
1111 - 0/0
請輸入四位數字(不要重複): 1111
1111 - 0/0
請輸入四位數字(不要重複): 4444
4444 - 0/0
請輸入四位數字(不要重複): 1111
1111 - 0/0
第1次: 0/0
```