

```
from posixpath import join
i=1
while i<=9:
    j=1
    while j<=9:
        p=i*j
        if p<10:
            print(f"{j} x {i} = {p}",end=' ')
        else:
            print(f"{j} x {i} = {p}",end=' ')
        j+=1
    print()
    i+=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

import random
ans = random.sample(range(1,10),4)
print(ans)
a = b = n = 0
while a!=4:
    a = b = n = 0
    guess = list(input("輸入四個數字(不會重複)"))
    if len(guess) > 4:
```

```
import random
ans = random.sample(range(1,10),4)
print(ans)
a = b = n = 0
while a!=4:
    a = b = n = 0
    guess = list(input("輸入四個數字(不會重複)"))
    if len(guess) > 4:
        guess = list(input("輸入數字過多，請輸入四個數字(不會重複)"))
    else:
        guess = guess
        for i in guess:
            if int(guess[i]) == ans[n]:
                a += 1
            else:
                if int(i) in ans:
                    b += 1
                n += 1
        output = ' '.join(guess).replace(' ','')
        print(f"output: {a|b|n}")
        print("B1B00")

[7, 1, 5, 4]
輸入四個數字(不會重複) 9348
9348: 0A1B
輸入四個數字(不會重複) 0413
0413: 0A2B
輸入四個數字(不會重複) 3452
3452: 1A1B
輸入四個數字(不會重複) 3479
3479: 0A2B
輸入四個數字(不會重複) 1956
1956: 1A1B
輸入四個數字(不會重複) 7154
7154: 4A0C
B1B00
```

<https://github.com/yeh-yan-jane/PLMA/upload/main>