

<https://github.com/Aatermisss/HAPL/upload/main>

colab.google

Untitled4.ipynb - Colab

Untitled5.ipynb - Colab

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colab.research.google.com/drive/1zyCbUJ5QOTc62n4IMNs2ZDhB8h-S8ZpJ#scrollTo=B0onqFts_eaL

Untitled5.ipynb

檔案 編輯 檢視畫面 插入 執行階段 工具 說明 儲存中

+ 程式碼 + 文字

0秒

```
a=0
while a<=8:
    a+=1
    b=0
    while b<=8:
        b+=1
        if (a*b)<=9:
            print(b,"x",a,"=",a*b,end=" ")
        else:
            print(b,"x",a,"=",a*b,end=" ")
        print(' ')
    
```

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

57秒

```
import random
a=random.sample(range(1,10),4)
print(f"答案:{a}")
A=B=n=0
m=0
while A!=4:
    b=input("輸入四個數字(不會重複):")
    if len(b)!=4:
        print("輸入數字過多,請輸入四個數字(不會重複)")
    else:
        A=B=n=0
        for i in b:
            if int(b[n])==a[n]:
                A+=1
            else:
                if int(i) in a:
                    B+=1
                n+=1
        m+=1
        print(f"{b}:{A} {B} {n}")
print(f"答對了!猜了{m}次")

```

答案:[5, 7, 3, 1]
輸入四個數字(不會重複):12345
輸入數字過多,請輸入四個數字(不會重複)
輸入四個數字(不會重複):1452
1452:0A2B
輸入四個數字(不會重複):5726
5726:2A0B
輸入四個數字(不會重複):7526
7526:0A2B
輸入四個數字(不會重複):5731
5731:4A0B
答對了!猜了4次