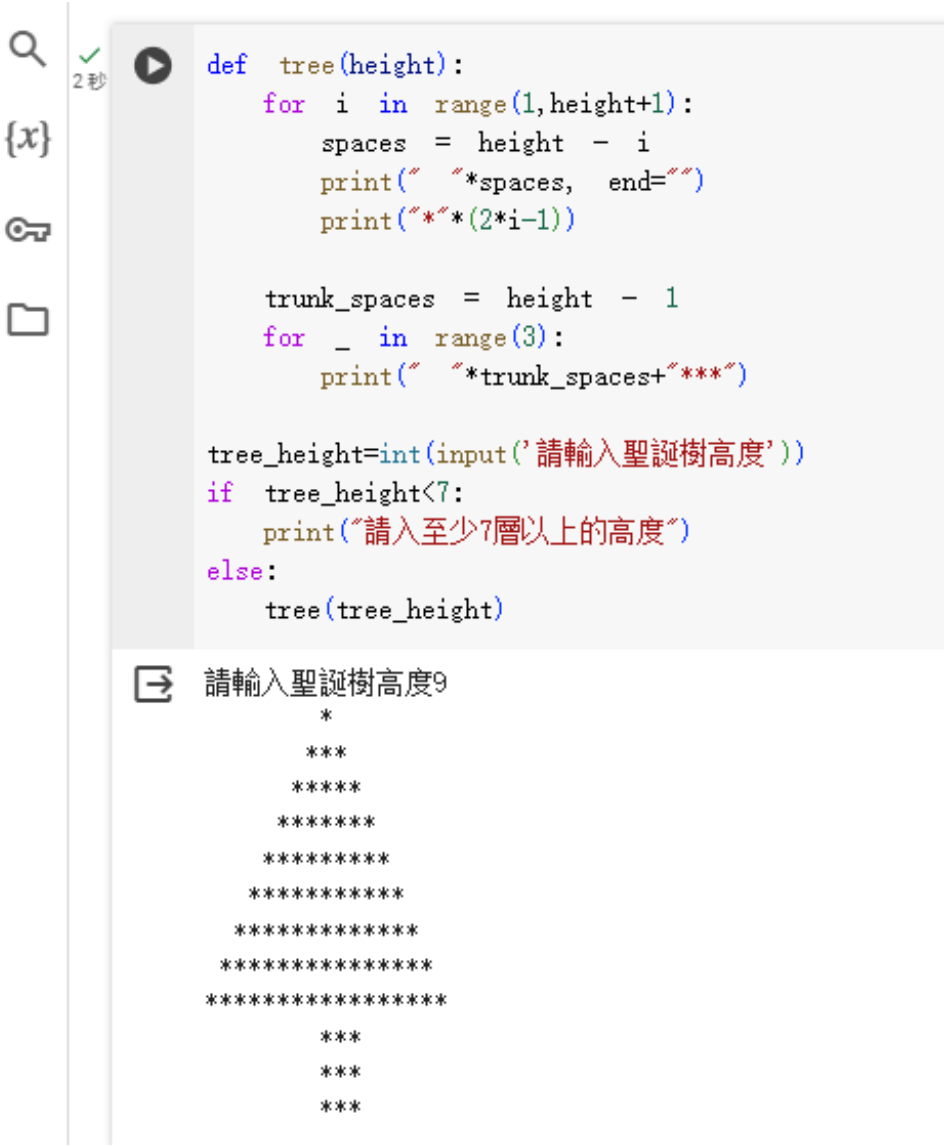
https://github.com/berylryan0802/-/tree/main/20240429



```
def  tree(height):
    for  i  in  range(1,height+1):
        spaces  =  height  -  i
        print("  "*spaces,  end="")
        print("*"*(2*i-1))

    trunk_spaces  =  height  -  1
    for  _  in  range(3):
        print("  "*trunk_spaces+"***")

tree_height=int(input('請輸入聖誕樹高度'))
if  tree_height<7:
    print("請入至少7層以上的高度")
else:
    tree(tree_height)
```

```
請輸入聖誕樹高度9
          *
         ***
        *****
       *******
      *********
     ***********
    *************
   ***************
  *****************
         ***
         ***
         ***
```

```python
def  calculate_bmi(height,weight):
    try:
        height=float(height)/100
        weight=float(weight)
        bmi=weight/(height**2)
        return  bmi
    except  ValueError:
        print("輸入內容錯誤!")
        exit()
def  evaluate_bmi(bmi):
    if  bmi<18.5:
        return"體位:過輕"
    elif  18.5<=bmi<24:
        return"體位:適中"
    elif  24<=bmi<27:
        return"體位:過重"
    else:
        return"體位:肥胖"

height_input=input("輸入身高(公分)")
weight_input=input("輸入體重(公斤)")

try:
    bmi_result  =  calculate_bmi(height_input,weight_input)
    bmi_evaluation  =  evaluate_bmi(bmi_result)
    print("BMI:",bmi_result)
    print(bmi_evaluation)
except  ValueError:
    print("輸入內容錯誤，請輸入數字")
```

```
輸入身高(公分)500
輸入體重(公斤)75
BMI: 3.0
體位:過輕
```