

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



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```
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

```

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```
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")
```

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

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```
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:  
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    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)khjhh  
輸入體重(公斤)  
輸入內容錯誤!
```