

<https://github.com/alvinchiang1206/PLMA>

```
def height(x):
    if x>=7:
        for a in range(x):
            print((" "*x-a)+(" "* (2*a+1)))
        if a ==(x-1):
            for b in range(5):
                print((" "*x-1)+"*"*3)
    else:
        print('輸入層數至少七層')
height(int(input("聖誕樹層數: ")))
```

聖誕樹層數：5
輸入層數至少七層

```
def height(x):
    if x>=7:
        for a in range(x):
            print((" "*(x-a))+(" "*((2*a+1))))
        if a ==(x-1):
            for b in range(5):
                print((" "*(x-1))+ "*" *3)
    else:
        print('輸入層數至少七層')
height(int(input("聖誕樹層數: ")))
```

```
聖誕樹層數：10  
      *  
    ***  
  *****  
*****  
*****  
*****  
*****  
*****  
*****  
*****  
*****
```

```
def BMI(h,w):
    cal = w/((h/100)**2)
    return cal
try:
    h = float(input('身高(公分): '))
    w = float(input('體重: '))
    print(BMI(h,w))
    if BMI(h,w)<18.5:
        print('體位: 過輕')
    elif 18.5<= BMI(h,w) <24:
        print('體位: 適中')
    elif 24<= BMI(h,w) <27:
        print('體位: 過重')
    else:
        print('體位: 肥胖')
except:
    print('輸入內容錯誤')
```

身高(公分): 178
體重: 73
23.04002019946976
體位: 適中

```
def BMI(h,w):
    cal = w/((h/100)**2)
    return cal
try:
    h = float(input('身高(公分): '))
    w = float(input('體重: '))
    print(BMI(h,w))
    if BMI(h,w)<18.5:
        print('體位: 過輕')
    elif 18.5<= BMI(h,w) <24:
        print('體位: 適中')
    elif 24<= BMI(h,w) <27:
        print('體位: 過重')
    else:
        print('體位: 肥胖')
except:
    print('輸入內容錯誤')
```

身高(公分): 180
體重: x
輸入內容錯誤