1. 聖誕樹

```python
h=int(input("聖誕樹高度"))+1
w=2*h-1
for  a  in  range(h):
        print("  "*(h-a)+(2*a-1)*"*")
for  b  in  range(5):
    print((h-2)*"  "+3*"*")
```

聖誕樹高度11

```
         *
        ***
       *****
      *******
     *********
    ***********
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 *****************
*******************
*********************
         ***
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         ***
         ***
         ***
```

2. BMI

```python
def  BMI():
    try:
        h=int(input("身高(公分)"))
        w=int(input("體重(公斤)"))
    except  ValueError:
        print("輸入內容有誤")
        return

    a=w/((h/100)**2)
    print("BMI:"  ,  a)

    if  a<18.5:
        b="體位:過輕"
    elif  18.5<=a  and  a<24:
        b="體位:適中"
    elif  24<=a  and  a<27:
        b="體位:過重"
    else:
        b="體位:肥胖"

    print(b)

BMI()
```

身高(公分)m
輸入內容有誤

```python
def  BMI():
    try:
        h=int(input("身高(公分)"))
        w=int(input("體重(公斤)"))
    except  ValueError:
        print("輸入內容有誤")
        return

    a=w/((h/100)**2)
    print("BMI:"  ,  a)

    if  a<18.5:
        b="體位:過輕"
    elif  18.5<=a  and  a<24:
        b="體位:適中"
    elif  24<=a  and  a<27:
        b="體位:過重"
    else:
        b="體位:肥胖"

    print(b)

BMI()
```

身高(公分)100
體重(公斤)1
BMI: 1.0
體位:過輕