


```

key = b'bestwing12345678'
new_bmp = b''
with open('bestwing12345678.bmp', mode='rb') as f:
    byte_content = f.read()
    aes = pyaes.AESModeOfOperationECB(key)

    for i in range(0, len(byte_content), 16):
        byte16 = byte_content[i: i + 16]
        decrypt_byte = aes.decrypt(byte16)
        new_bmp += decrypt_byte
with open('bmp2.bmp', mode='wb') as f1:
    f1.write(bmp_header + new_bmp)

if __name__ == '__main__':
    generate_bmp()
    print('success')

```

3.最终得到清晰的图片,上面存在二维码,直接扫描或者用py代码读取得到flag

py解析二维码:

```

import pyzbar.pyzbar as pyzbar
from PIL import Image,ImageEnhance

img = Image.open("bmp.bmp")

barcodes = pyzbar.decode(img)

for barcode in barcodes:
    barcodeData = barcode.data.decode("utf-8")
    print(barcodeData)
    print("success")

```

得到flag:flag{Swing_say_he11o_to_everyone}



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