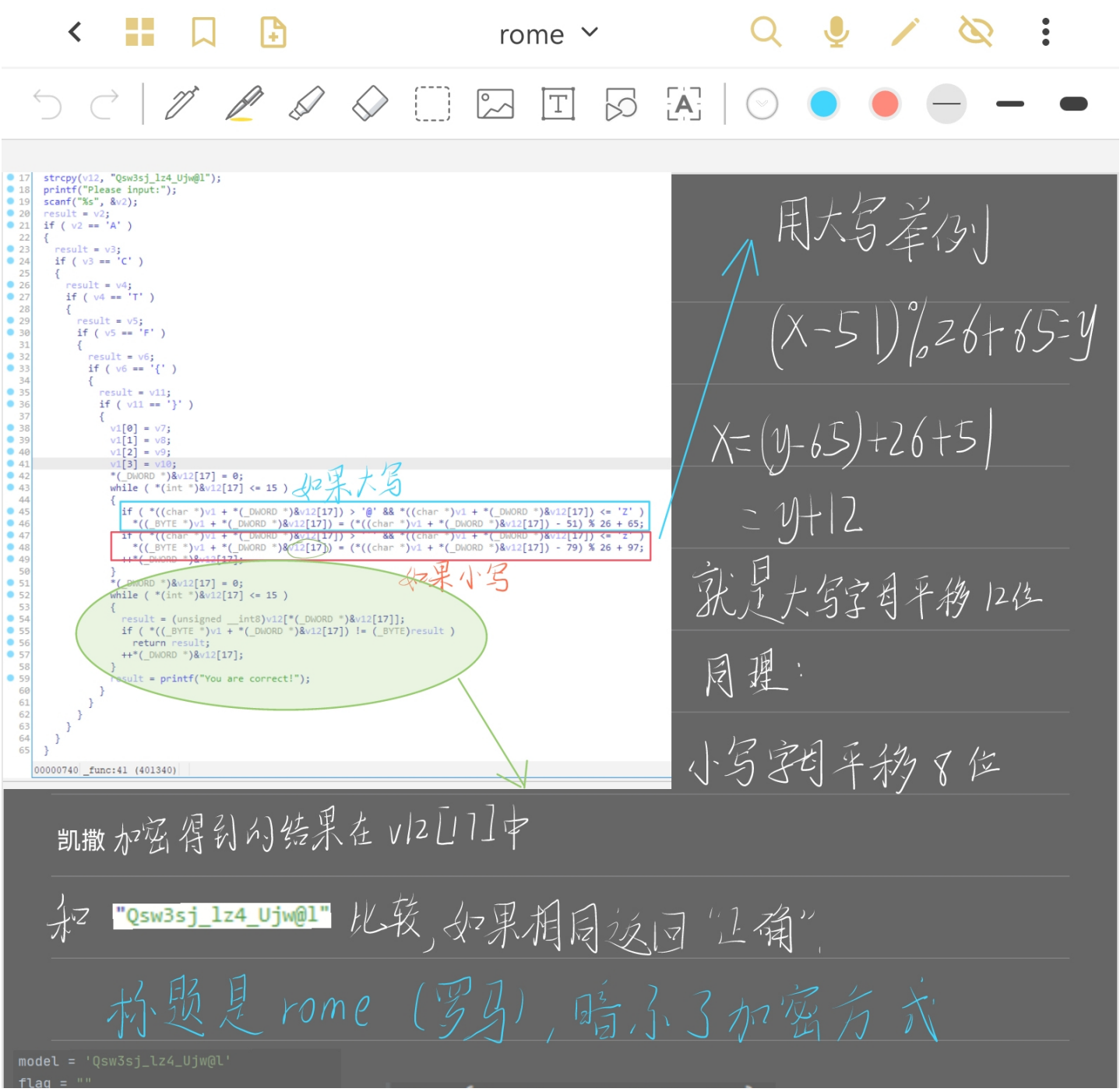
buuctf逆向rome

原创

g子荣 于 2021-10-13 13:07:24 发布 38 收藏

分类专栏： 笔记

本文链接：https://blog.csdn.net/weixin_50847719/article/details/120741768



```python
for i in model:
    if ord(i) > 64 and ord(i) <= 90:
        a = ord(i) + 12
        if a > 90:
            flag += chr(a - 26)
        else:
            flag += chr(a)
    elif ord(i) > 96 and ord(i) <= 122:
        a = ord(i) + 8
        if a > 122:
            flag += chr(a - 26)
        else:
            flag += chr(a)
    else:
        flag += i
print ('flag{'+flag+'}')
```

flag{Cae3ar_th4_Gre@t}

日期: / 伪代码解释一下

```
*(_DWORD *)&v12[17] = 0;
while ( *(int *)&v12[17] <= 15 )
{
  if ( *((char *)v1 + *(_DWORD *)&v12[17]) > '@' && *((char *)v1 + *(_DWORD *)&v12[17]) <= 'Z' )
    *((_BYTE *)v1 + *(_DWORD *)&v12[17]) = (*((char *)v1 + *(_DWORD *)&v12[17]) - 51) % 26 + 65;
  if ( *((char *)v1 + *(_DWORD *)&v12[17]) > '`' && *((char *)v1 + *(_DWORD *)&v12[17]) <= 'z' )
    *((_BYTE *)v1 + *(_DWORD *)&v12[17]) = (*((char *)v1 + *(_DWORD *)&v12[17]) - 79) % 26 + 97;
  ++*(_DWORD *)&v12[17];
}
```

```
for ( i = 0; i <= 15; ++i )
{
  if ( *((_BYTE *)&v1 + i) > 64 && *((_BYTE *)&v1 + i) <= 90 )
    *((_BYTE *)&v1 + i) = (*((char *)&v1 + i) - 51) % 26 + 65;
  if ( *((_BYTE *)&v1 + i) > 96 && *((_BYTE *)&v1 + i) <= 122 )
    *((_BYTE *)&v1 + i) = (*((char *)&v1 + i) - 79) % 26 + 97;
}
```

v12[17] 就是 i

```
*(_DWORD *)&v12[17] = 0;
while ( *(int *)&v12[17] <= 15 )
{
  result = (unsigned __int8)v12[*(_DWORD *)&v12[17]];
  if ( *((_BYTE *)v1 + *(_DWORD *)&v12[17]) != (_BYTE)result )
    return result;
  ++*(_DWORD *)&v12[17];
}
result = printf("You are correct!");
```

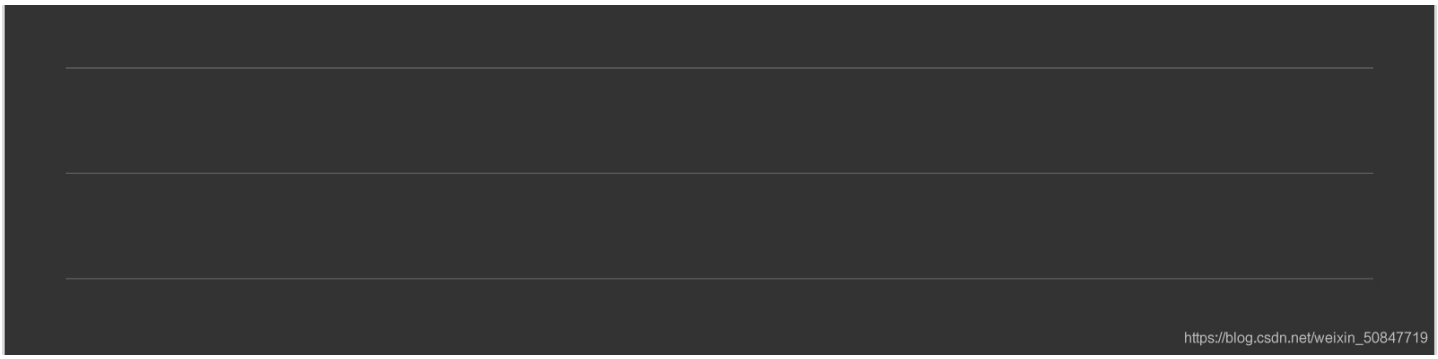
```
for ( i = 0; i <= 15; ++i )
{
  result = (unsigned __int8)*(&v15 + i);
  if ( *((_BYTE *)&v1 + i) != (_BYTE)result )
    return result;
}
result = printf("You are correct!");
```

result = v15 = "Qsw3sj_lz4_Ujw@l" 原文

```
if ( *((_BYTE *)v1 + *(_DWORD *)&v12[17]) != (_BYTE)result )
  return result;
++*(_DWORD *)&v12[17];
```

```
if ( *((_BYTE *)&v1 + i) != (_BYTE)result )
  return result;
```

第一个 while (for) 循环的结果要和 相同


https://blog.csdn.net/weixin_50847719