

# vault-door-3



Medium

Reverse Engineering

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## Description

This vault uses for-loops and byte arrays.

The source code for this vault is here: [VaultDoor3.java](#)

## Hints

1

Make a table that contains each value of the loop variables and the corresponding buffer index that it writes to.

Kita pakai solver bahasa python aja karena c++ ra ngatasi.

```
pass_str = "jU5t_a_sna_3lpm13g64f_u_4_m6r143"

# buat array char kosong ukuran 32
real_pass = ['\x00'] * 32

temp1 = ""
temp2 = ""
temp3 = ""
temp4 = ""

for i in range(0, 8):
    real_pass[i] = pass_str[i]
    temp1 += pass_str[i]
print(temp1)

for i in range(8, 16):
    real_pass[i] = pass_str[23 - i]
    temp2 += pass_str[i]
print(temp2)

for i in range(16, 32, 2):
    real_pass[i] = pass_str[46 - i]
    temp3 += pass_str[i]
print(temp3)

for i in range(31, 16, -2):
    real_pass[i] = pass_str[i]
```

```
    temp4 += pass_str[i]
print(temp4)

# gabungkan jadi string
print("".join(real_pass))
```

Flag : picoCTF{jU5t\_a\_s1mpl3\_an4gr4m\_4\_u\_f66133}