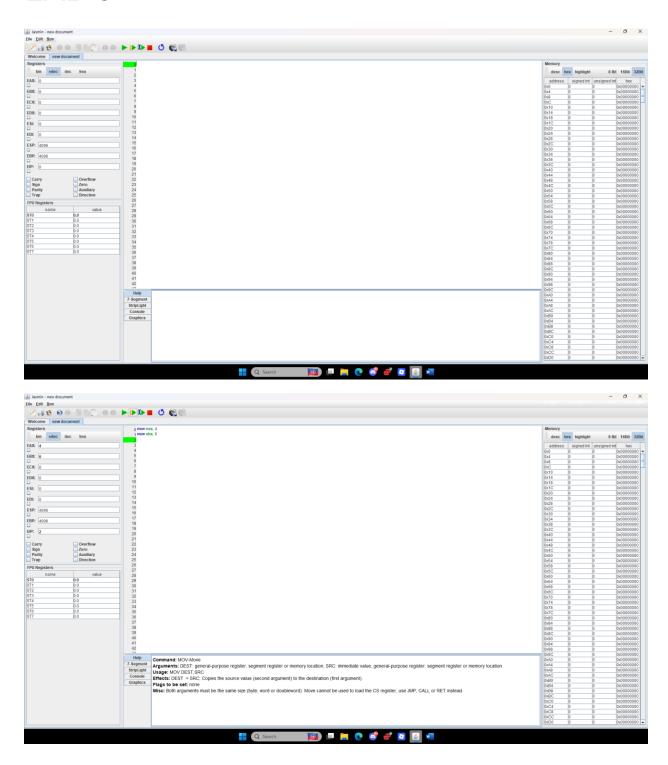
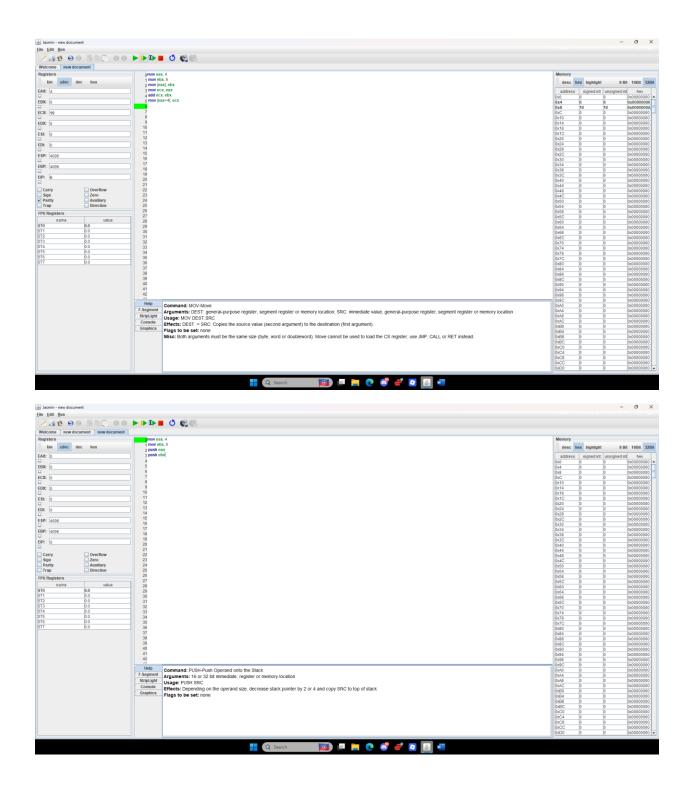
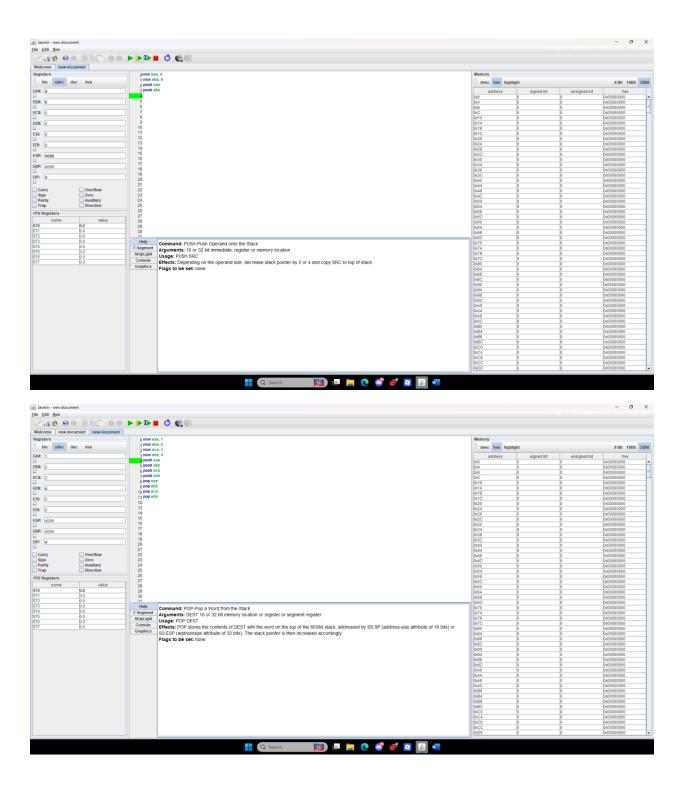
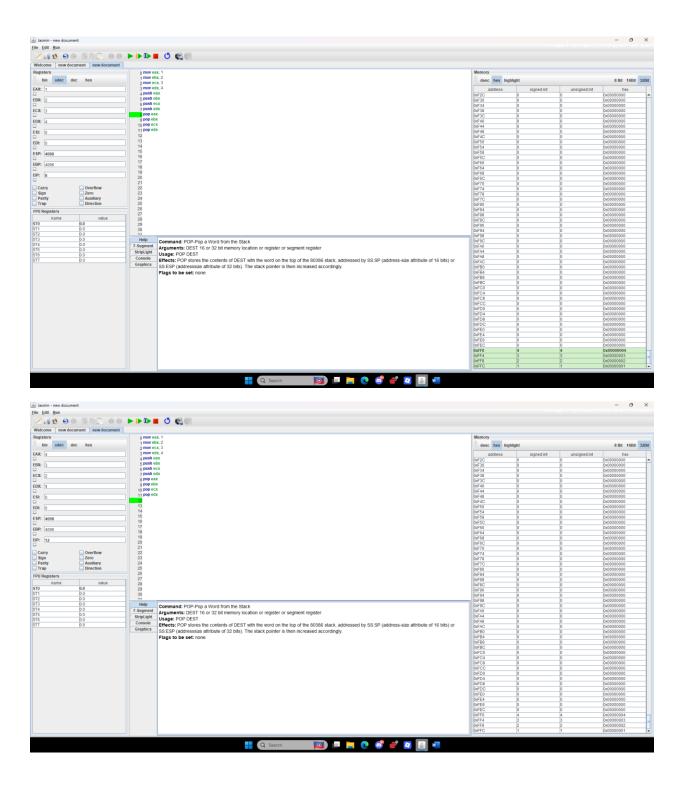
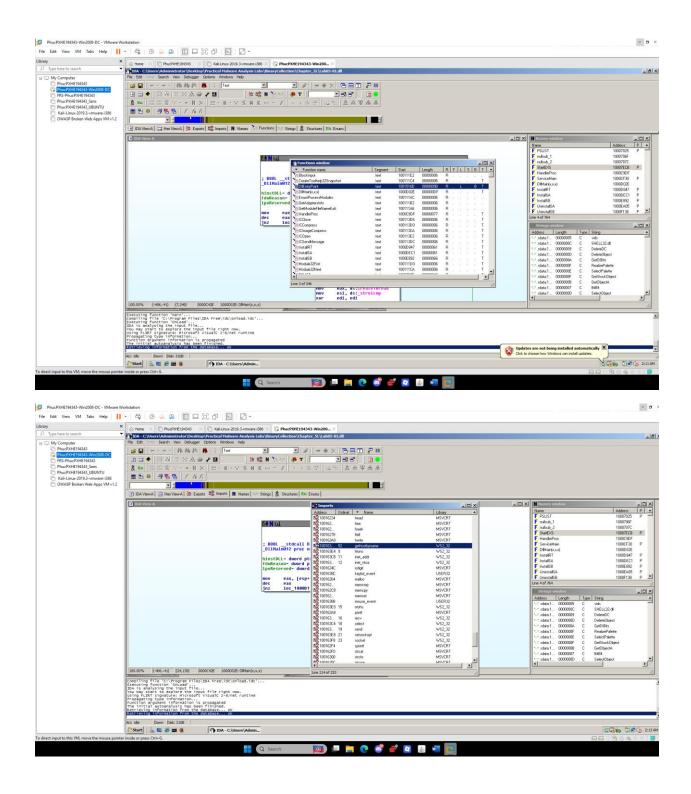
# LAB9

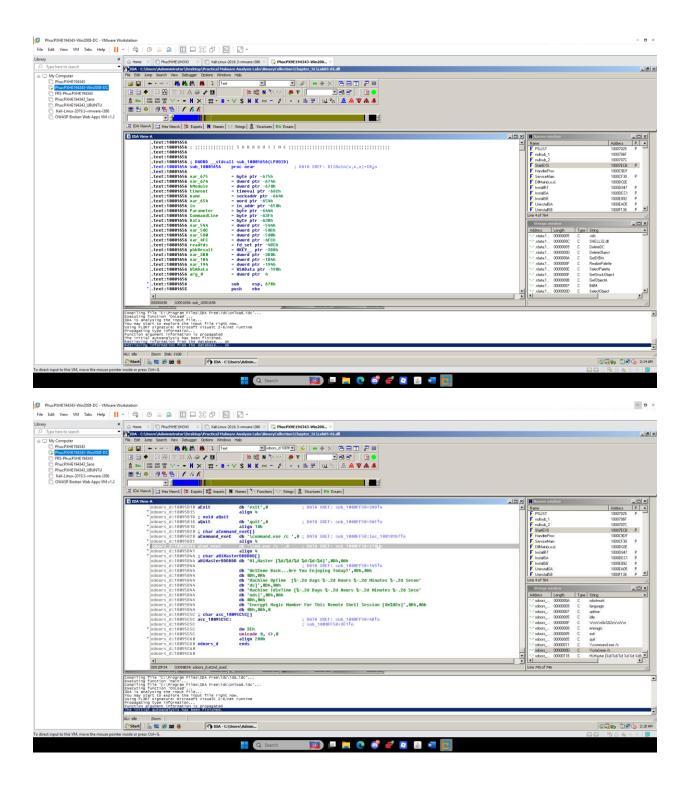


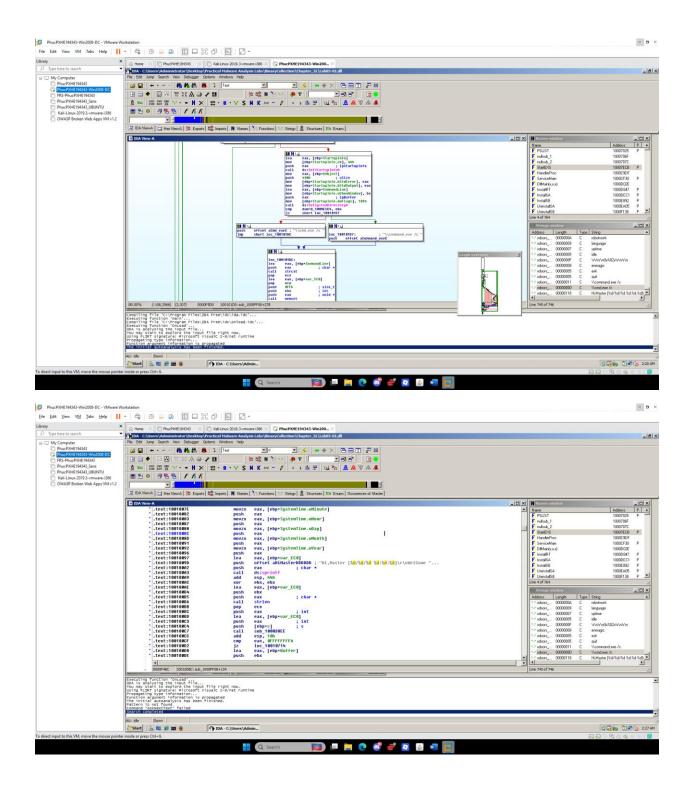


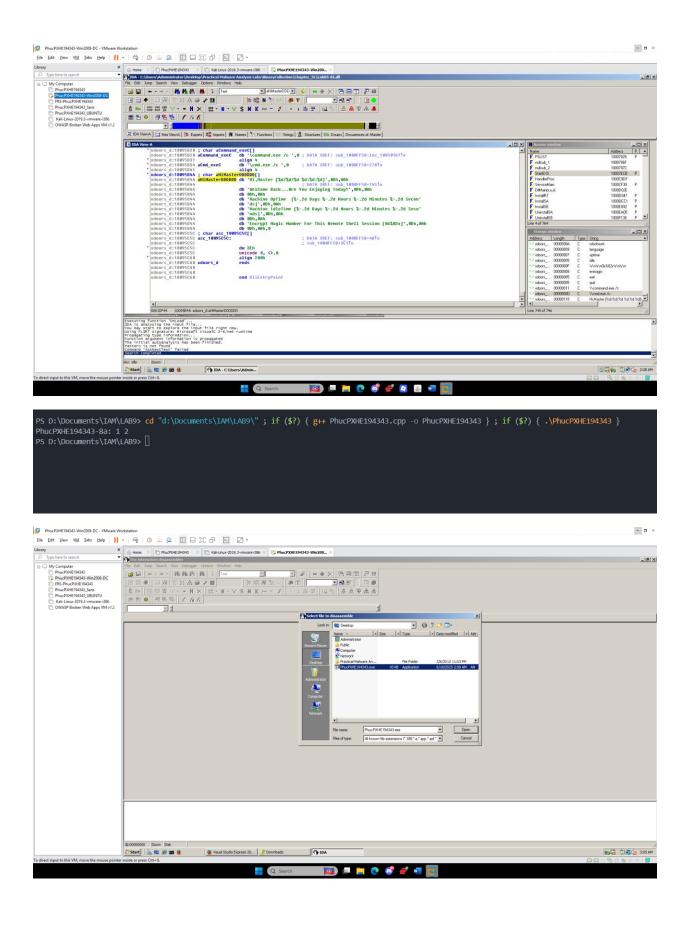


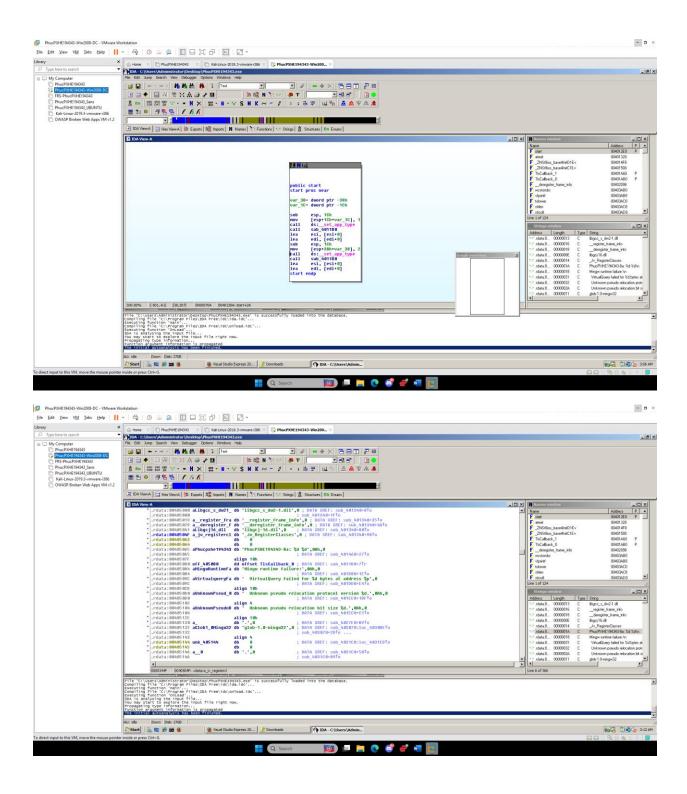


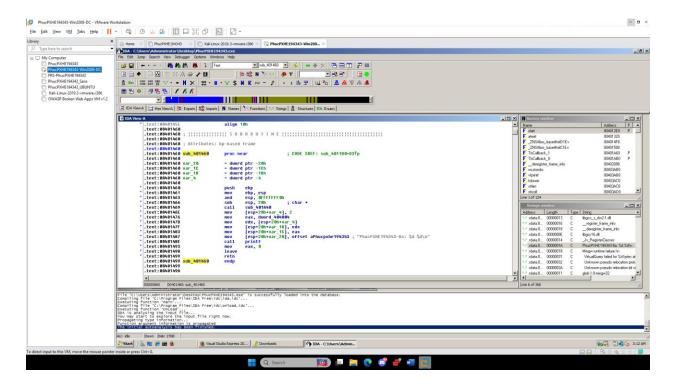






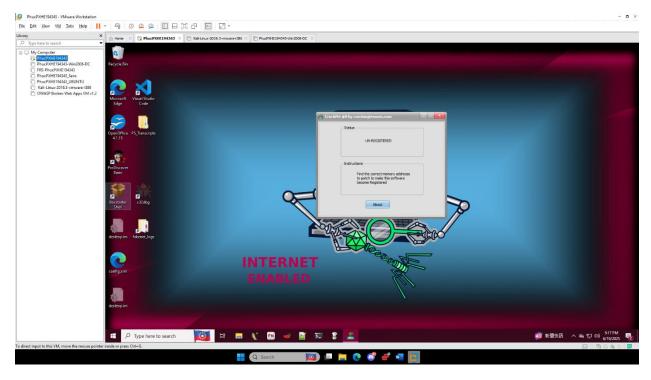




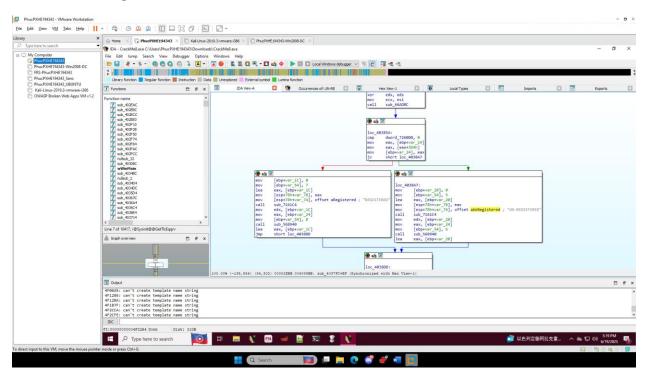


## Crack Me 8

### Step 1: Open the exe file to check for any requirements



# Step 2: Load the Program to IDA for debugging, and search for the string UN-REGISTERED we found an diagram



Step 3: Check registration flag:

### cmp dword\_7260D0, 0

- If the flag is 0, the program is not registered.
- If it's not 0, it's already registered.

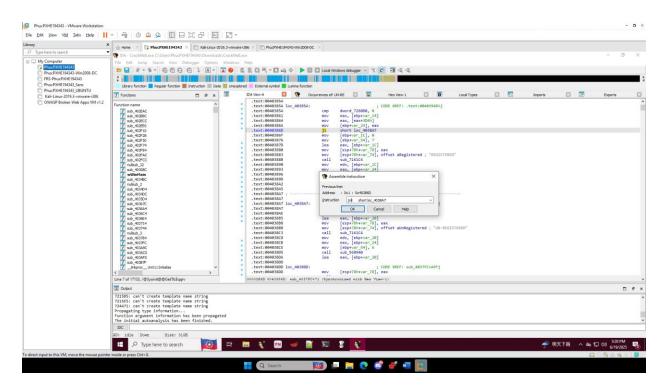
### If NOT Registered (dword\_7260D0 == 0):

- Prepare the string "REGISTERED".
- Call a function (sub\_7161C4) to process that string.
- Pass the result to another function (sub\_568940), likely to apply or display the status.

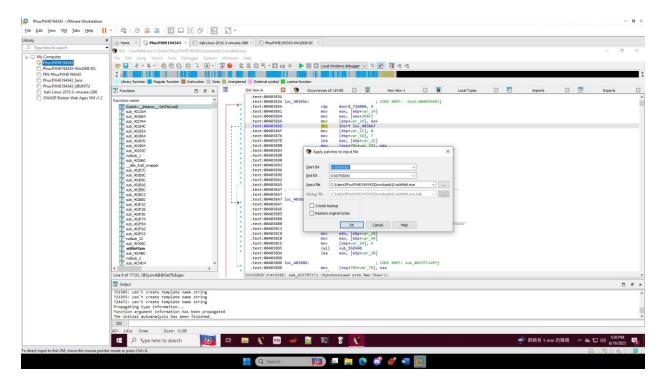
## If Registered (dword\_7260D0 != 0):

- Prepare the string "UN-REGISTERED".
- Call the same functions with this different label.

So that we change the command jz(jump if zero) to jnz (jump if not zero) which mean if the registration flag is  $0 \rightarrow$  jump to "UN-REGISTERED" block. If it's not  $0 \rightarrow$  do "REGISTERED" logic.



Step 4: Apply patches to the program



Step 5: Checking the program is REGISTERED

