

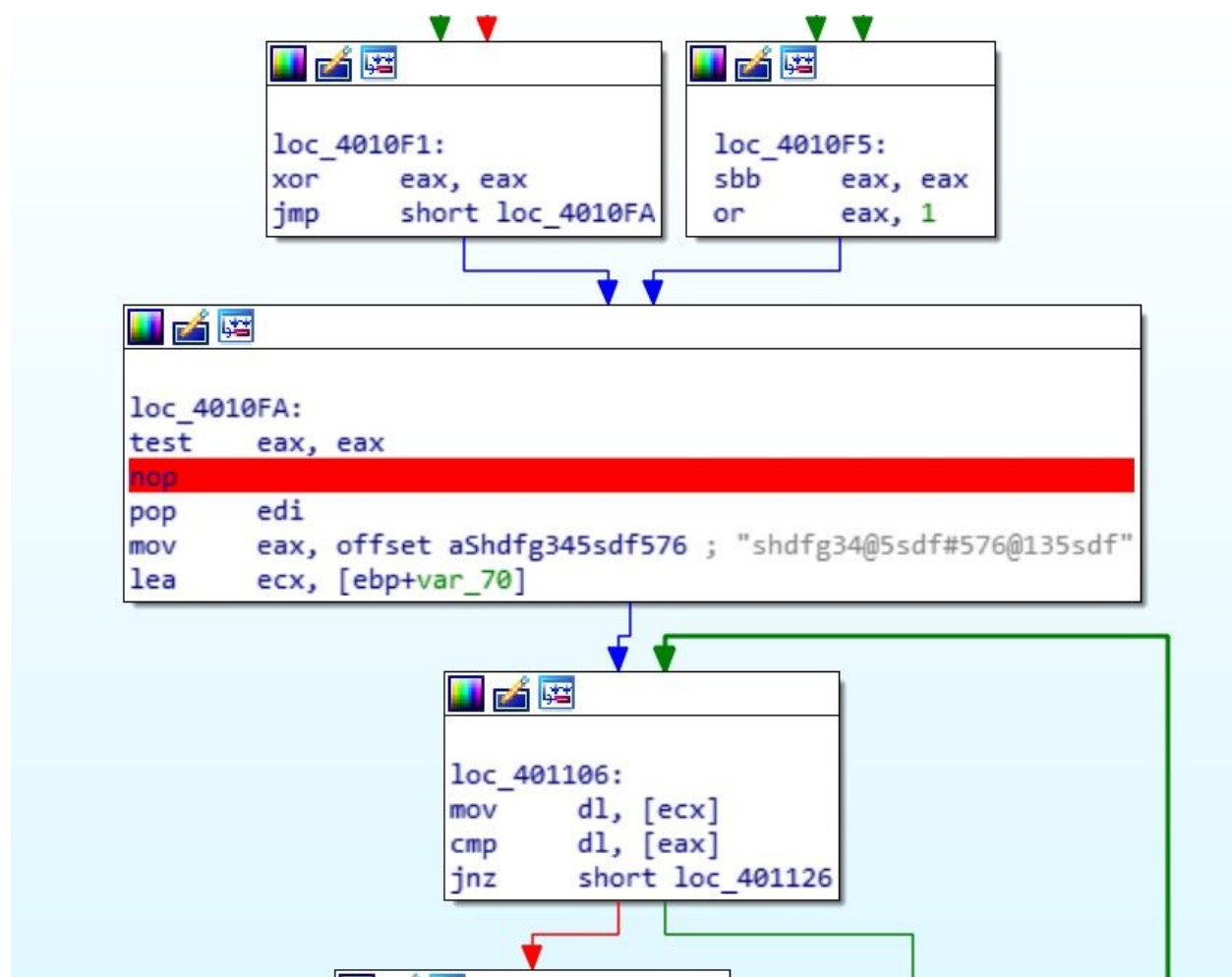
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Part 1:

Here's your flag: **34gdfh340234**

Changed the JNZ (opcode 75) to NOP (opcode 90). Highlighted in red. No instruction to goto incorrect username, so as long as there isn't a overflow or something we will always get the flag.. I did the same thing for password check.

Address	Original bytes	Patched bytes
00000000004010FC	75	90



Password - Same logic as above.

Address	Original bytes	Patched bytes
000000000040112D	75	90

xor eax, eax jmp short loc_40112B	sbb eax, eax or eax, 1
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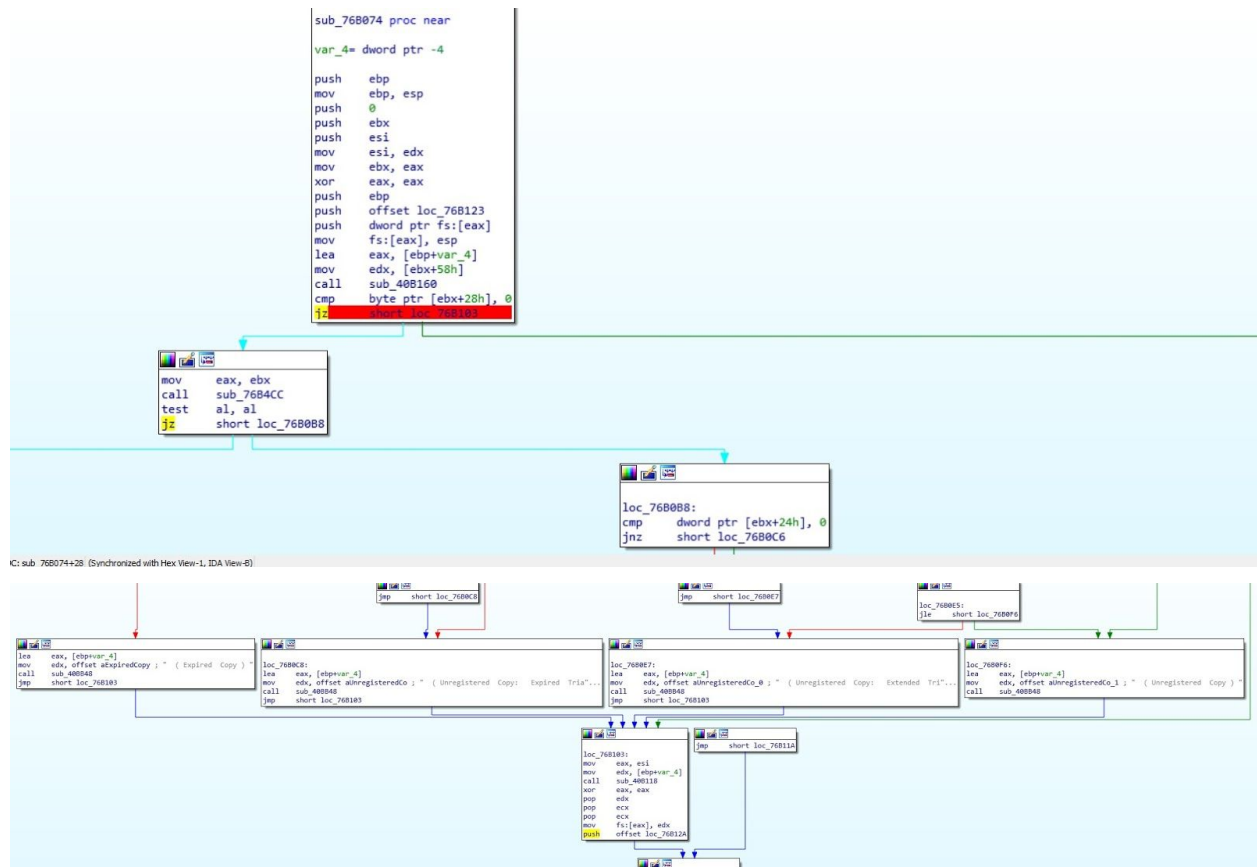


```
loc_40112B:
test     eax, eax
nop
daa
push     offset aHereSYourFlag ; "Here's your flag:"
call     sub_401020
push     offset a34gdfh340234 ; "34gdfh340234%\n"
call     sub_401020
add      esp, 8
xor      eax, eax
mov      ecx, [ebp+var_4]
xor      ecx, ebp
call     @__security_check_cookie@4 ; __security_check_cookie(x)
mov      esp, ebp
pop      ebp
retn
```

Part 2.

I was actually searching for the trial period is over string when i found the location of the banner modification code which contains all of the Unregistered copy and Expired copy modifications. So i changed the code to bypass all of them. Technically i did it by reversing the comparison so since its a unregistered copy it wont show as unregistered. Jnz to jz.

Address	Original bytes	Patched bytes
000000000076B074	75	74



Afterwards I tried to remove the call to the trial popup but it seemed to always come back despite my changes, and the requirements stated that it was either the banner or the the reminder pop-up.