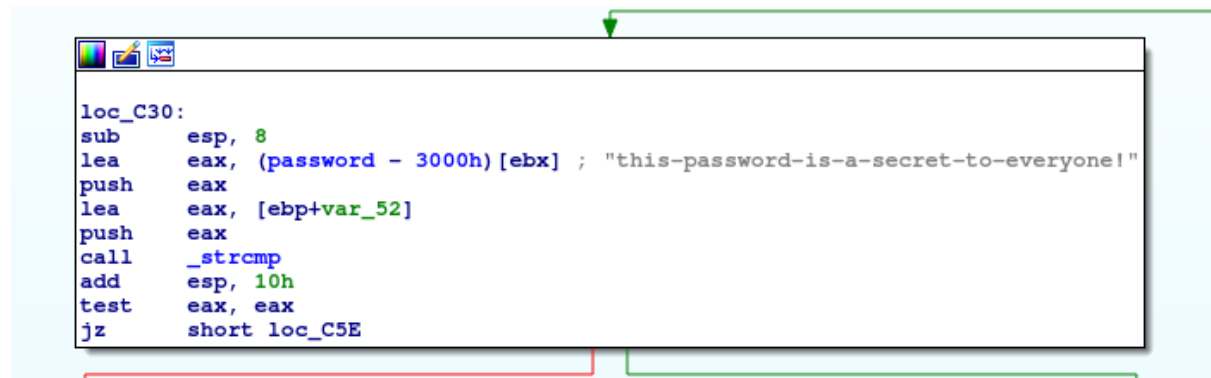As for the first exercise, we must reverse the password to enter the account.
The exercise description already provides us with the username "john galt".

We open the program in IDA, and we see the program asking for the password and its comparison with a static value:

```
loc_C30:
sub      esp, 8
lea      eax, (password - 3000h)[ebx] ; "this-password-is-a-secret-to-everyone!"
push     eax
lea      eax, [ebp+var_52]
push     eax
call     _strcmp
add      esp, 10h
test     eax, eax
jz       short loc_C5E
```

We insert this password, and it is correct.

The program asks for the option to take, and we select to read email. It contains the flag.

```
--------------------------------------------------------
    --Please login--
Username: john galt
Password: this-password-is-a-secret-to-everyone!
    Welcome john galt!
You have 1 unread email.
1) Read Email
2) Quit
>> 1
--------------------------------------
From:   Leeroy Jenkins
To:   whoisjohngalt
Subject: RE: I need a flag

Hey John it's Leeroy.
You were asking about a fun flag to use in your next challenge
and I think I got one. Tell me what you think of:
TUCTF{d0n7_h4rdc0d3_p455w0rd5}
Get back to me as soon as you can. Thanks!
--------------------------------------
```