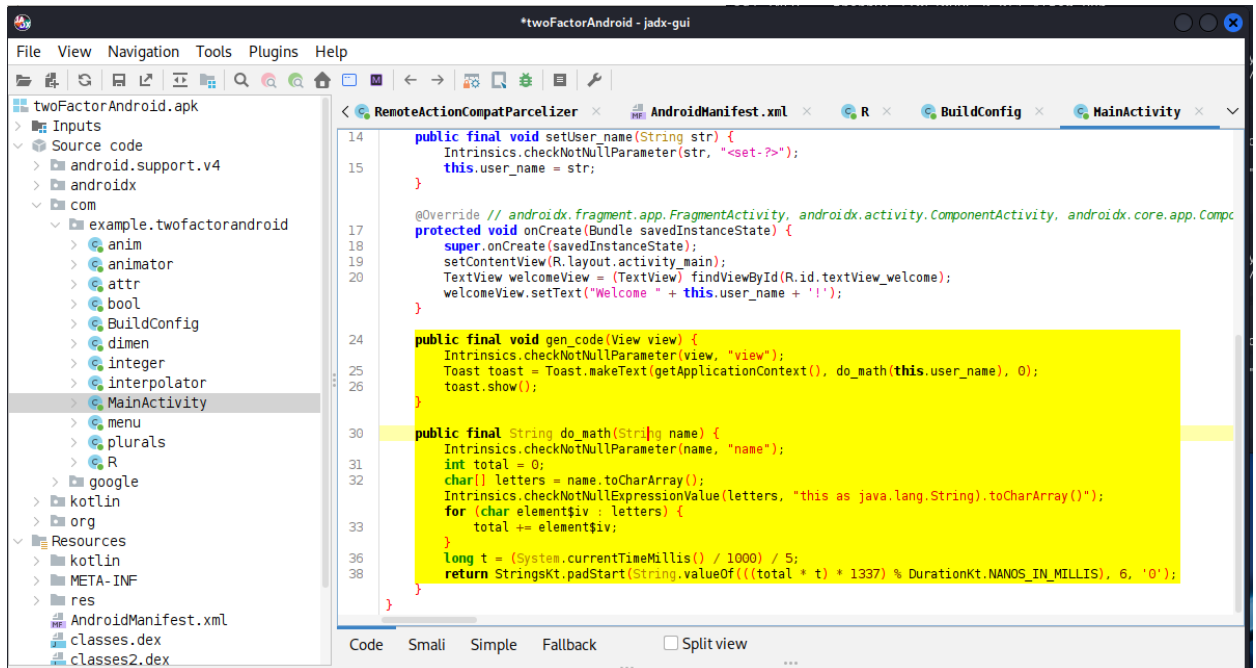
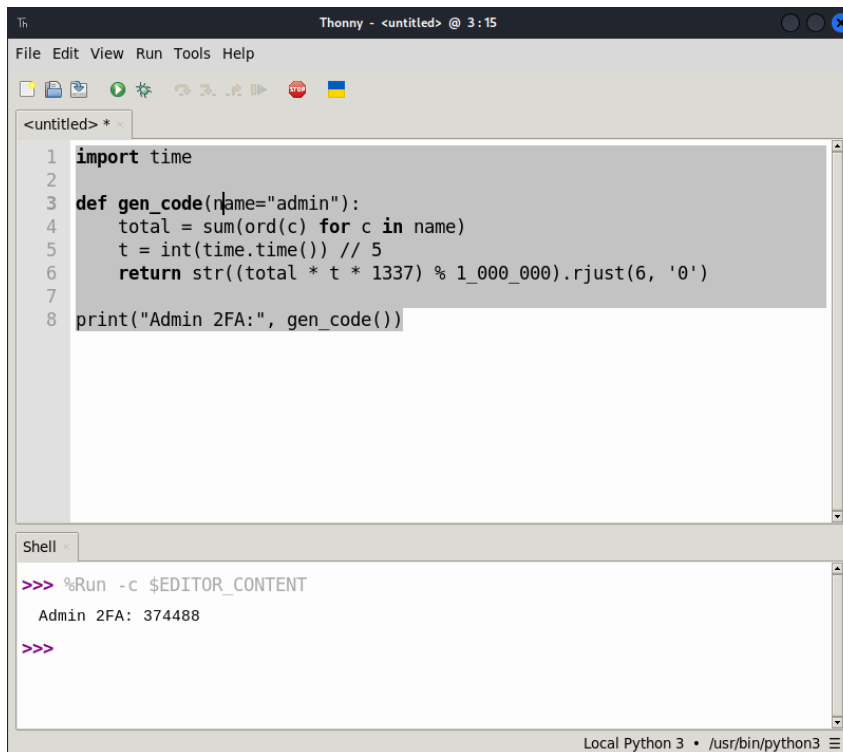


7. So we have a hardcoded variable, `user_name`, set equal to `john`
8. Further down, we have some logic that appears to be generating the 2FA keys, but it looks like it relies on the username to do some math, which creates a chance for us

to pivot from this version, which gives us *John's* 2FA codes to the *Admin* account.



9. If we grab this logic, translate it to python, and stick it into a lightweight python IDE such as thonny, we end up with a script like this.



10. Running the script gets us our 2FA code.

11. If we go to that login portal we were given at the beginning, fill out the Capcha, and put in our 2FA code from Thonny (be quick, it resets every five seconds), we get the flag.

Login Portal

Login successful.
MetaCTF{andro1ds_want_m@ny_fact0rs_too}

Verification Code

??????

Logging in as **admin**. Please check your twoFactorAndroid app for the code. The code expires every 3 minutes.



Submit