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Login Authentifications Challenges: Challenge 4

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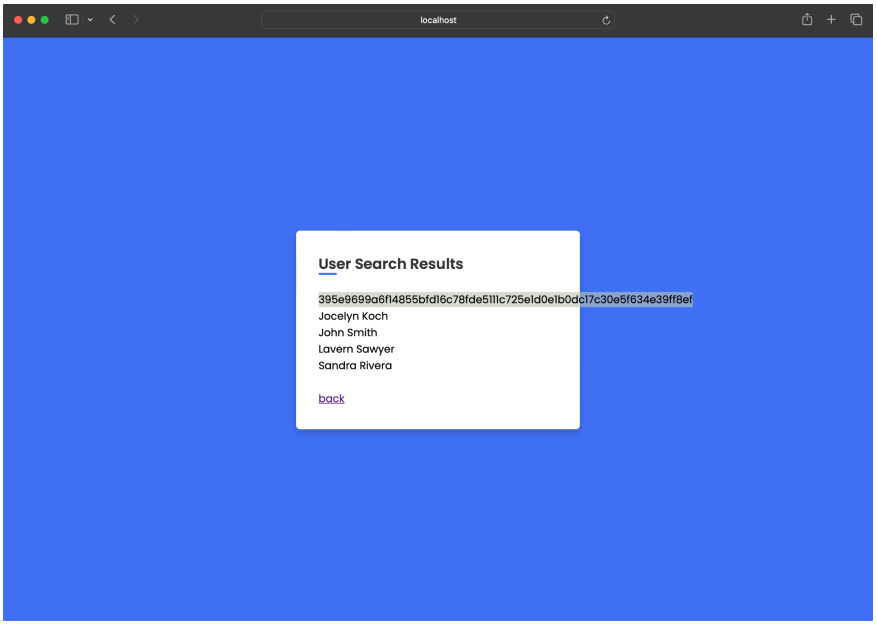
Login Authentication Challenges Report: Challenge #4

Step #1:

Similar to Challenge 2, the syntax of the code are very similar. In the first step, we begin by first opening the website and inputting:

" UNION SELECT password FROM users WHERE username="admin" --

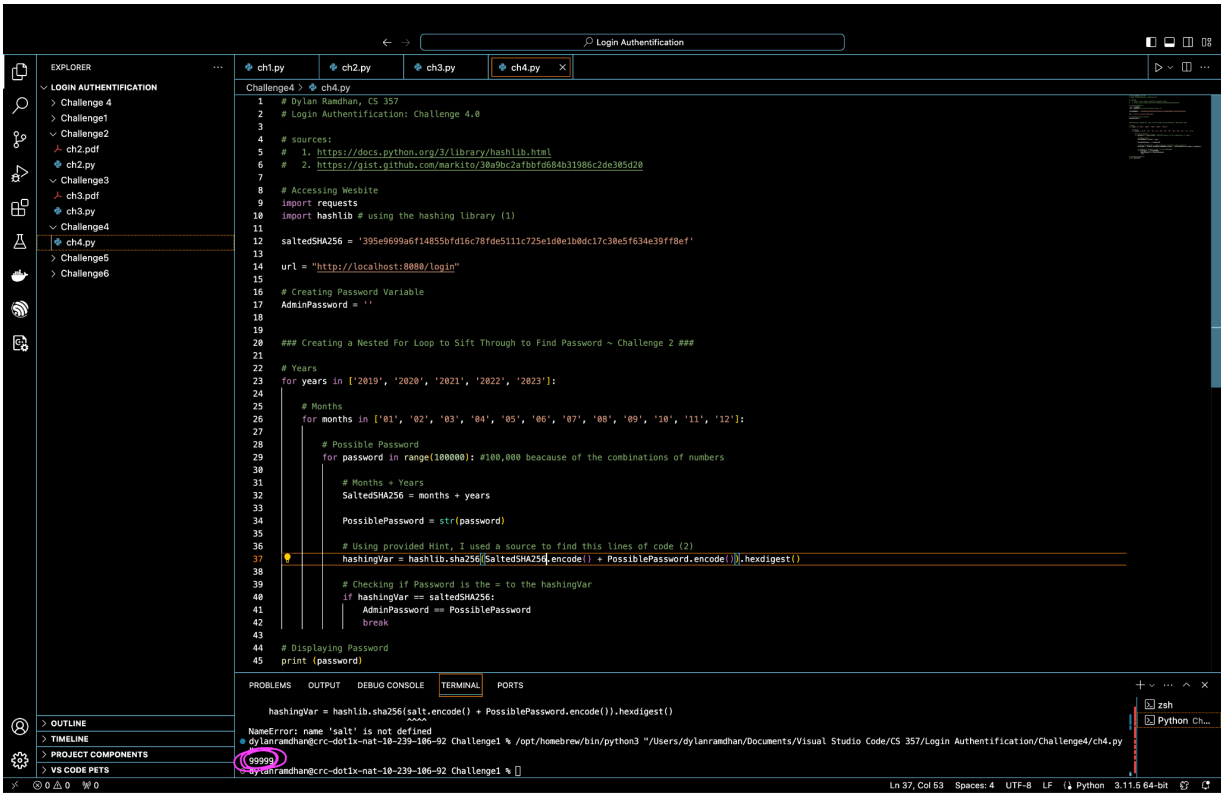
Afterwards, we would be able to view the SHA256 encryption (1). Thus allowing us to proceed in the attack.



1. Displaying the SHA256 Encryption

Step #2:

Receiving the SHA256 encryption allows us to now to implement an attack by scripting (2). By utilizing online sources, I was able to understand more about the hashing library that was in Python (s1). Once doing so, I researched more into the comparing function of the code (s2). Which finally revealed to us the password to the Admin's credentials was: **99999**.



2. Implemented Attack on Admin Credentials

Sources:

s1. https://docs.python.org/3/library/hashlib.html

s2. https://gist.github.com/markito/30a9bc2afbbfd684b31986c2de305d20