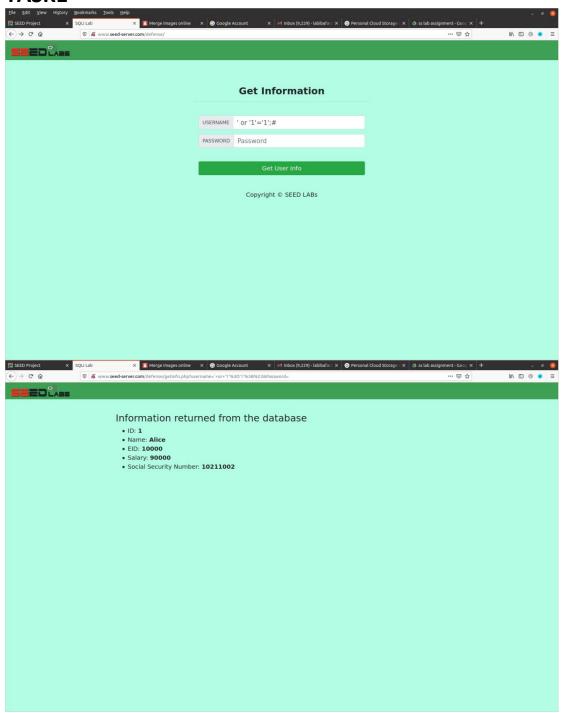
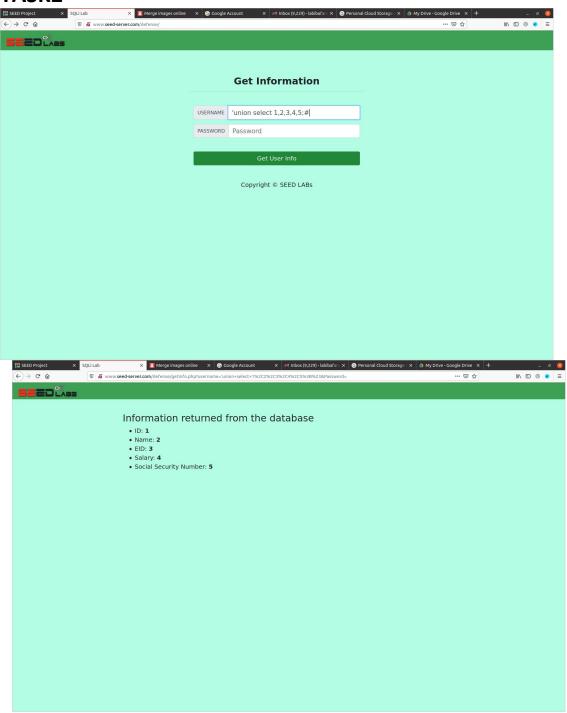
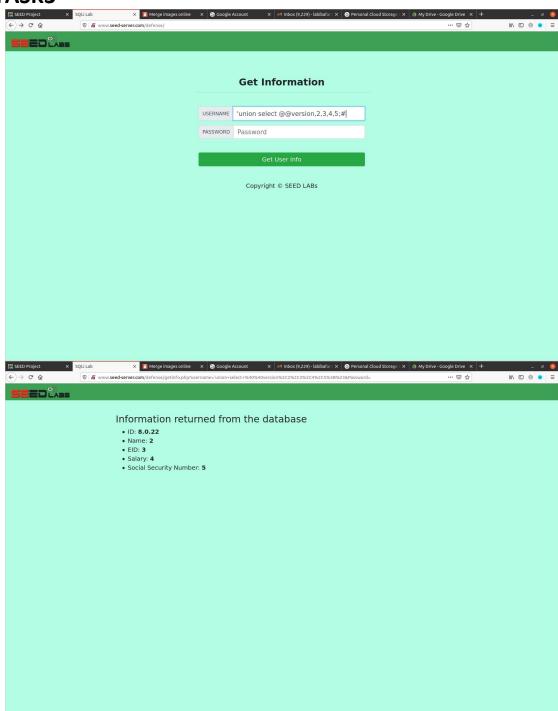
TASK1



TASK2



TASK3



TASK4

The given statement is vulnerable to sql injection. Someone can use update statements like this 'Id', 6) or 1=1;# So, the query becomes: "SELECT * FROM employee WHERE eid=DES_ENCRYPT(''Id', 6) or 1=1;#', 6) and password=DES_ENCRYPT('\$passwd', 'key')";

TASK5

Using openssl_encrypt() makes the query invulnerable to sql injection attacks.

The function encrypts texts, so whatever is posted will become encrypted. And the function is called outside of the query, so there is no way to manipulate the function call. Hence it provides security from sql injections.

TASK6

Here, we can just use a true value and comment out the rest of the code. Like this 'or 1=1;# So, the entire statement: SELECT * FROM employee WHERE eid= " or 1=1;# AND password='\$password'

TASK7

To change the salary I can use a similar code to the previous task. ',Salary='1' where name='Raddington';# So the entire statement is: "UPDATE employee SET name='',Salary='1' where name='Raddington';#, password='\$hashed_newpwd' WHERE eid = '\$eid' and password='\$hashed_oldpwd'";