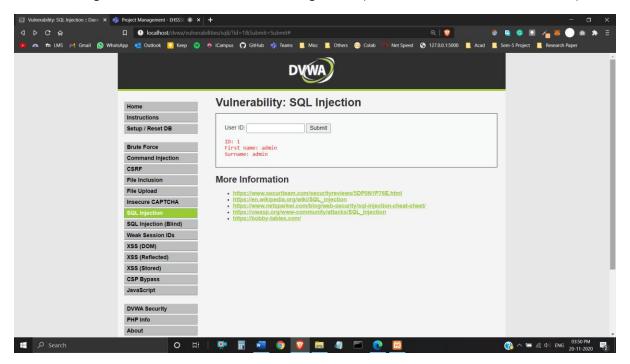
Lab-11 Cryptography and Network Security

Name: Tanvi Penumudy (E18CSE187)

Objective: To Perform the SQL Injection attack on Damn Vulnerable Web Application (DVWA)

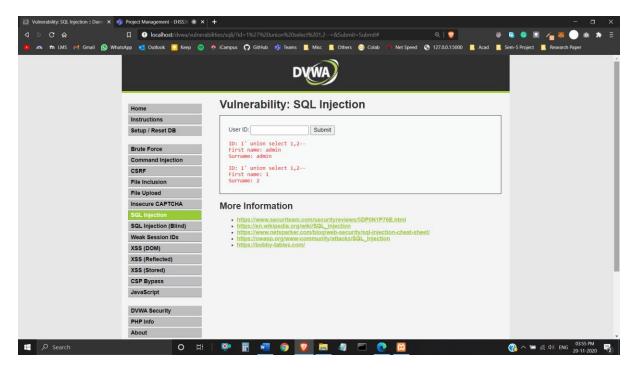
Entering User ID: 1 redirects to the following screen (first name: admin, surname: admin)



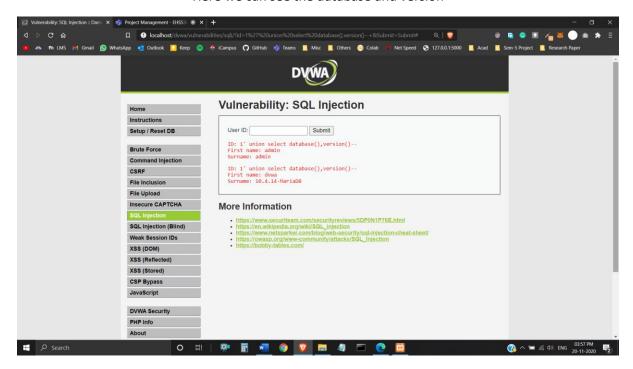
If we enter 1,2,3 it shows error as the table has only 2 columns



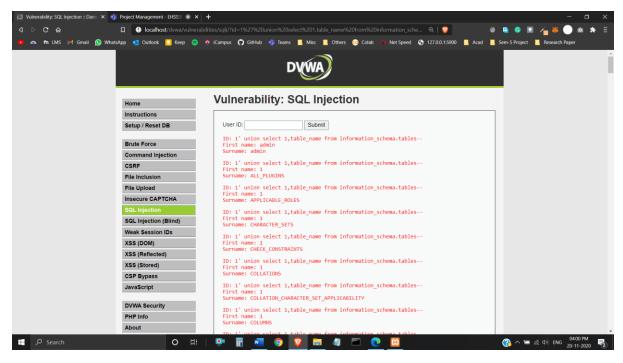




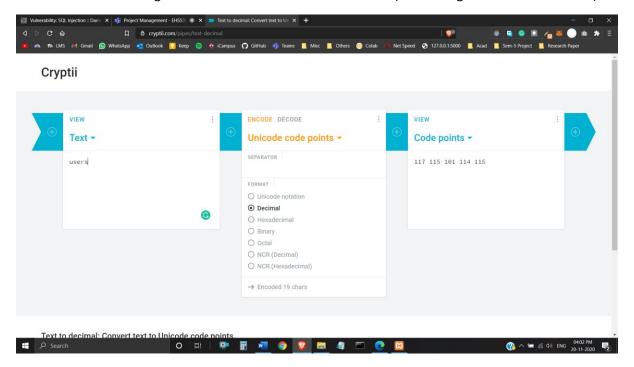
Here we can see the database and version



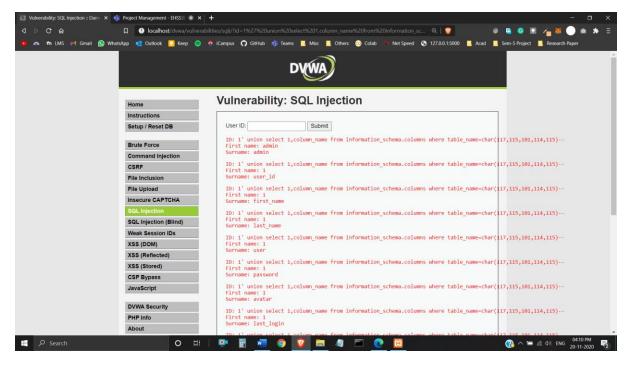
List of all tables



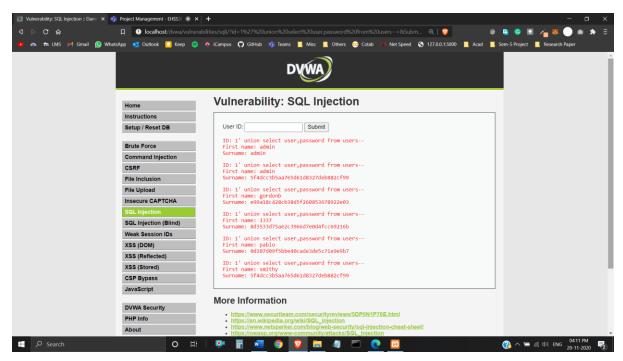
Let us select our target table out of these tables – i.e. 'user' (Converting it into decimal values)



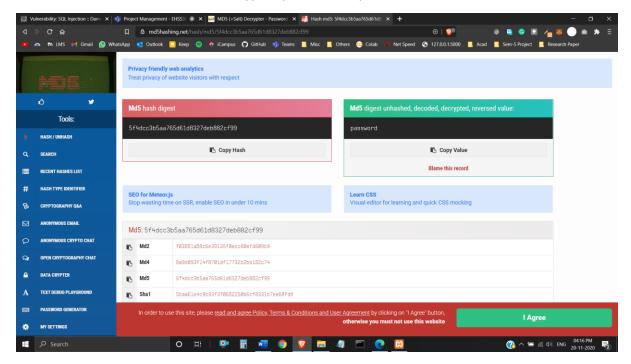
These are the columns in our 'user table'



Let's now see the password column, let's select a password here (it is in MD5 hash format), let us decrypt it using an online MD5 hash decrypter



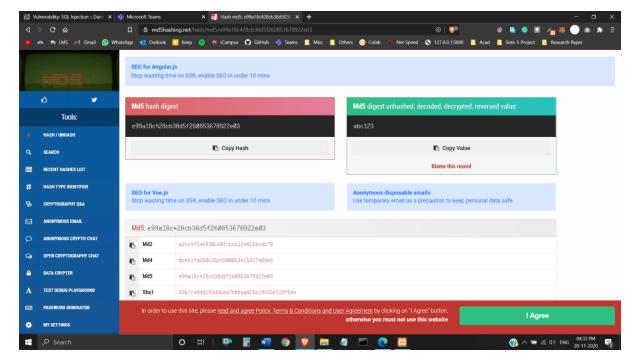
After decrypting the MD5 hash corresponding to the user (with the first name: admin), we get the decrypted password as password



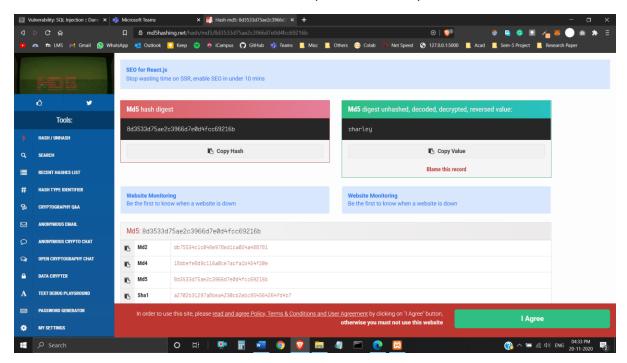
Hence SQL Injection in DVWA successfully performed!

Cracking other passwords:

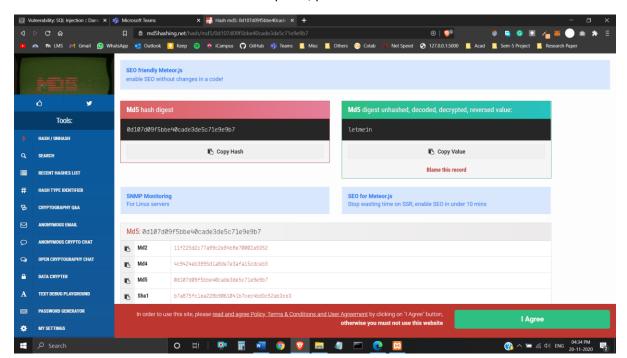
First name: gordonb; password: abc123



First name: 1337; password: charley



First name: pablo; password: letmein



First name: smithy; password: password

