

Name : Ritesh Jha
Roll Number : 16010423076
Cyber Honors - VAPT - CA3

SQL injection vulnerability allowing login bypass

<https://portswigger.net/web-security/sql-injection/lab-login-bypass>

Steps :

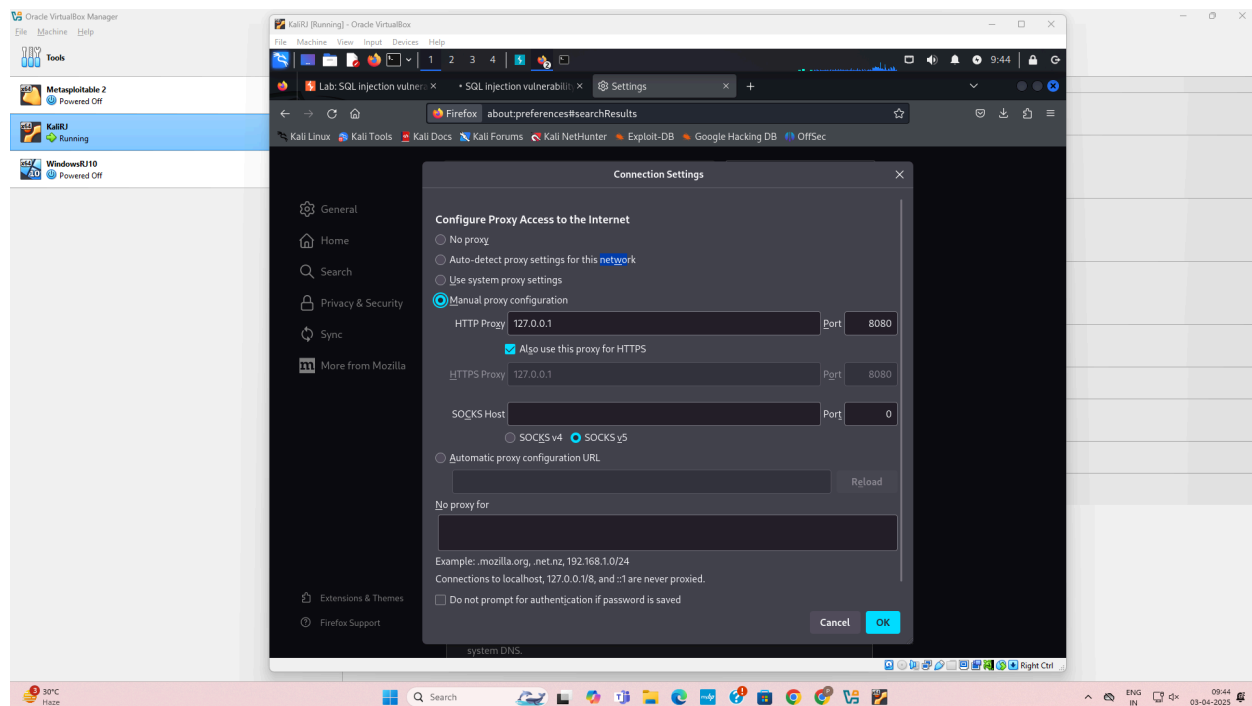
Step 1 :

Setting up Firefox and Burpsuite to work in parallel

Setup firefox to work with Burpsuite

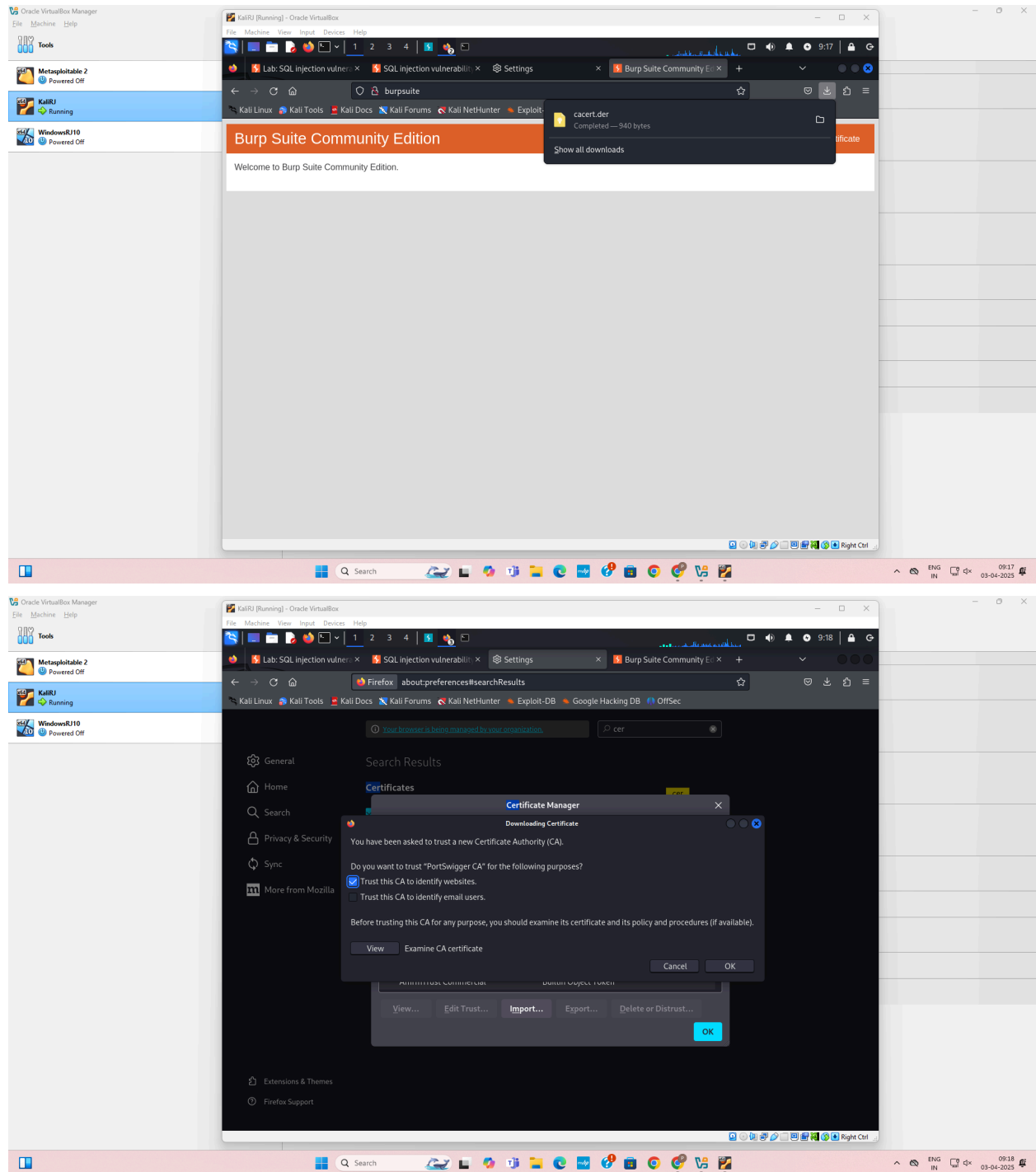
HTTP Proxy: 127.0.0.1

Port: 8080



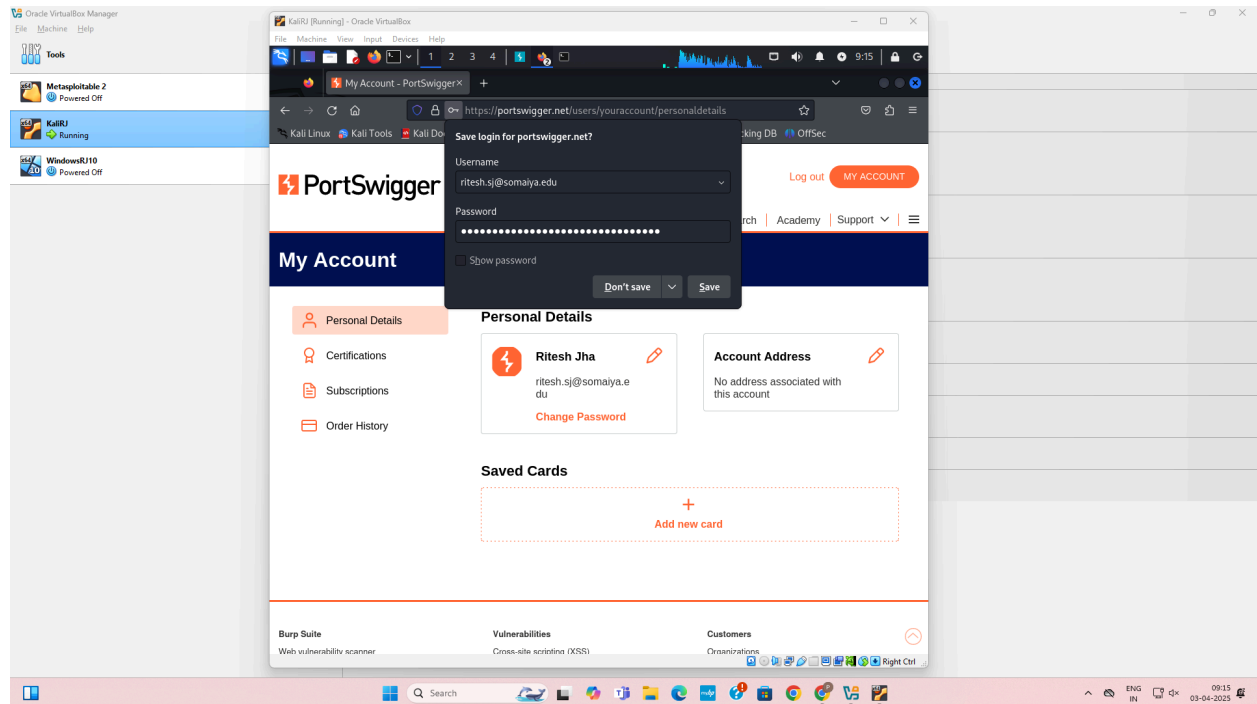
Go to <http://burpsuite>

Import the certificate in Firefox: Select the downloaded cacert.der file.



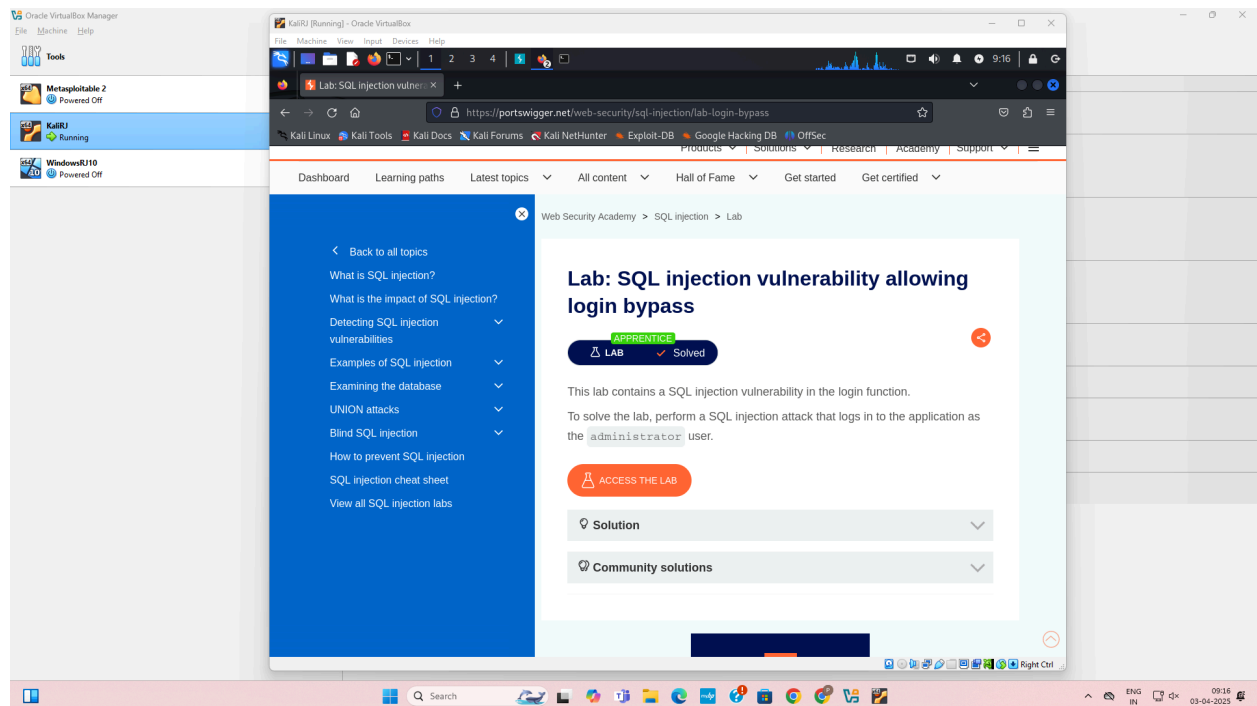
Step 2 :

Log in to portswigger website using email and password



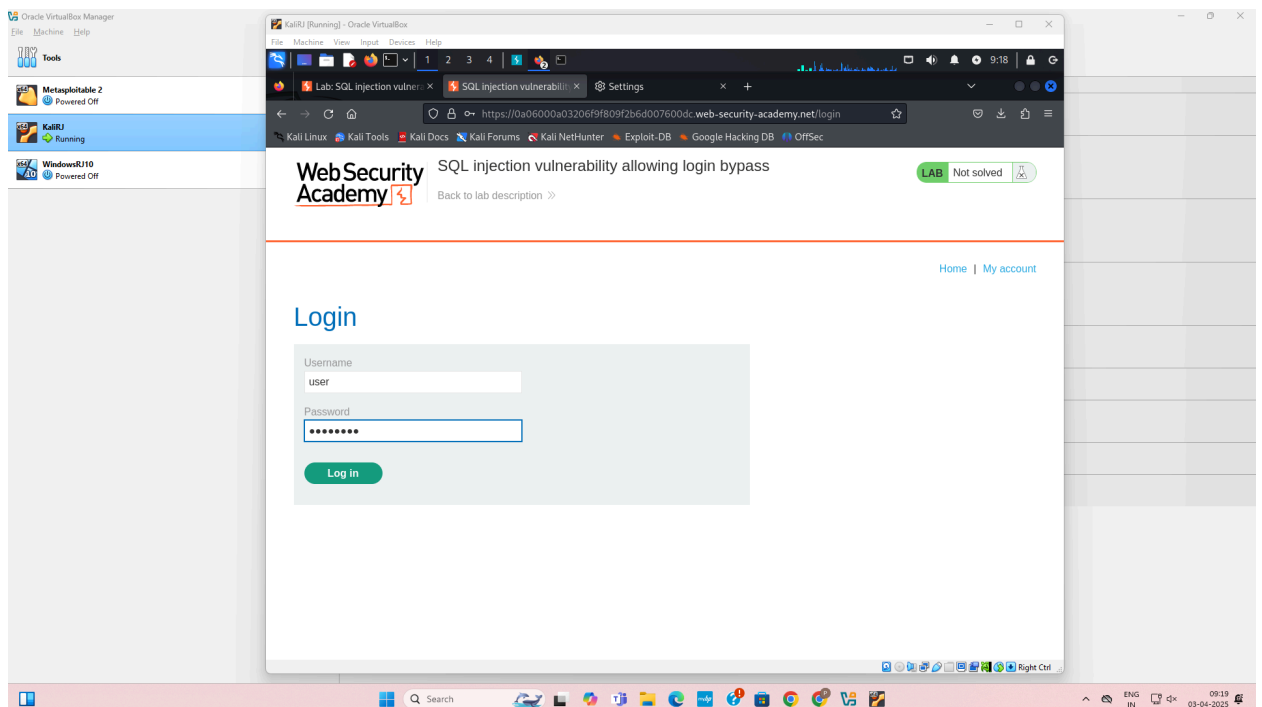
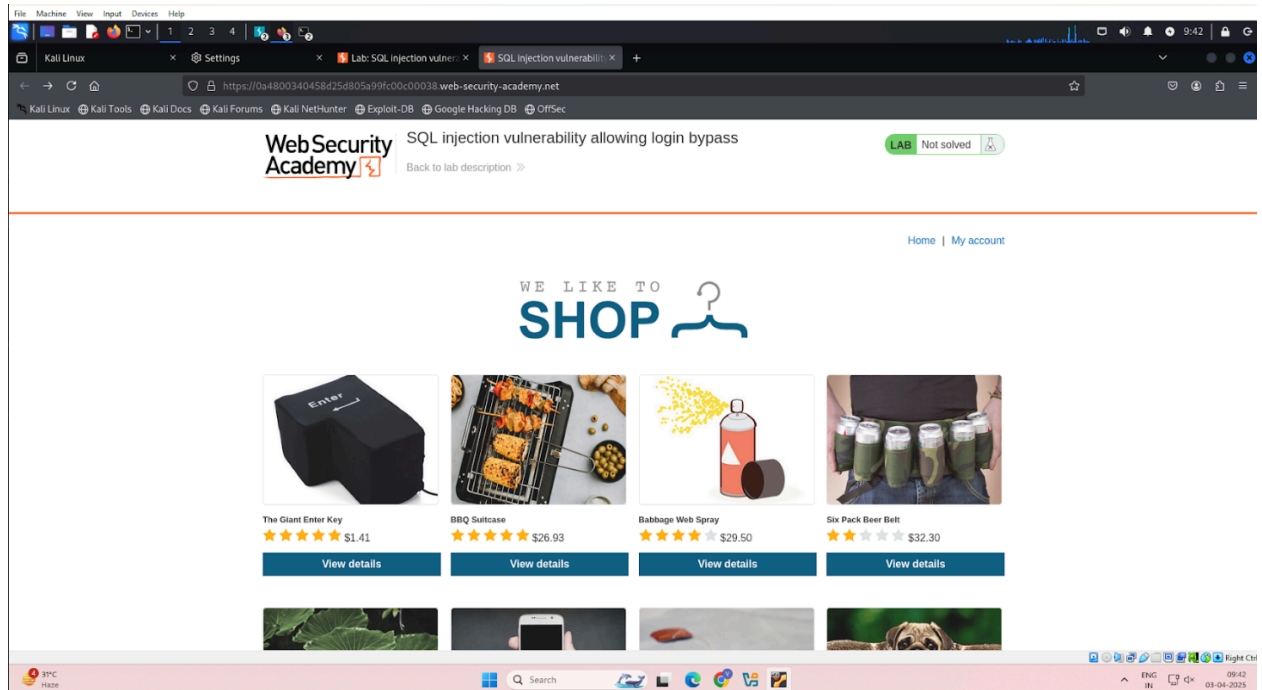
Step 3 :

Choose the lab to solve : <https://portswigger.net/web-security/sql-injection/lab-login-bypass>

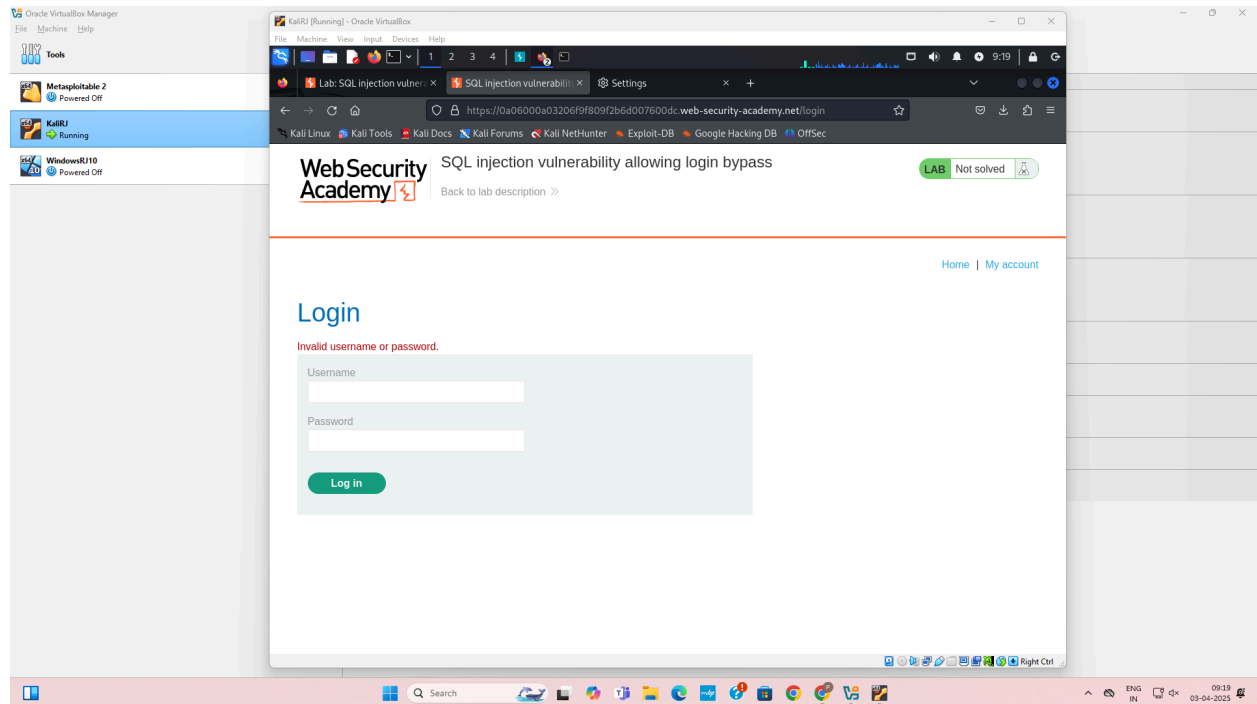


Step 5 :

Enter any text in the username and password in the login form

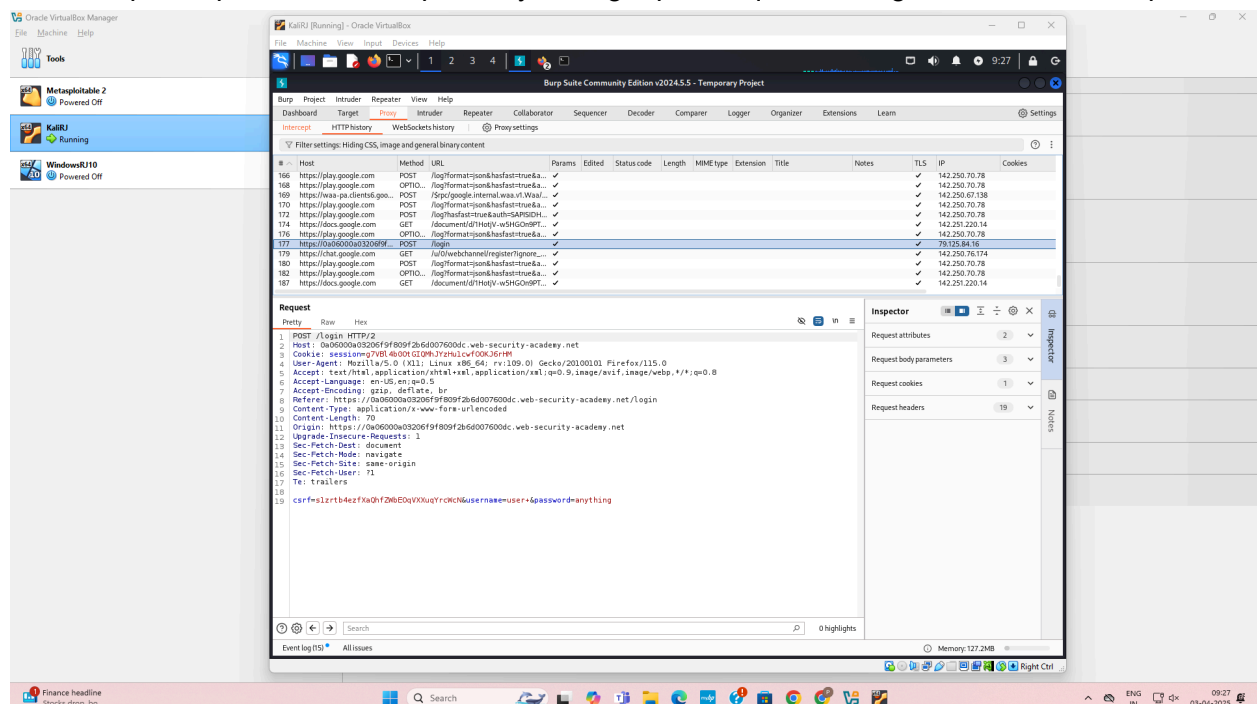


It shows that the ID and password are incorrect



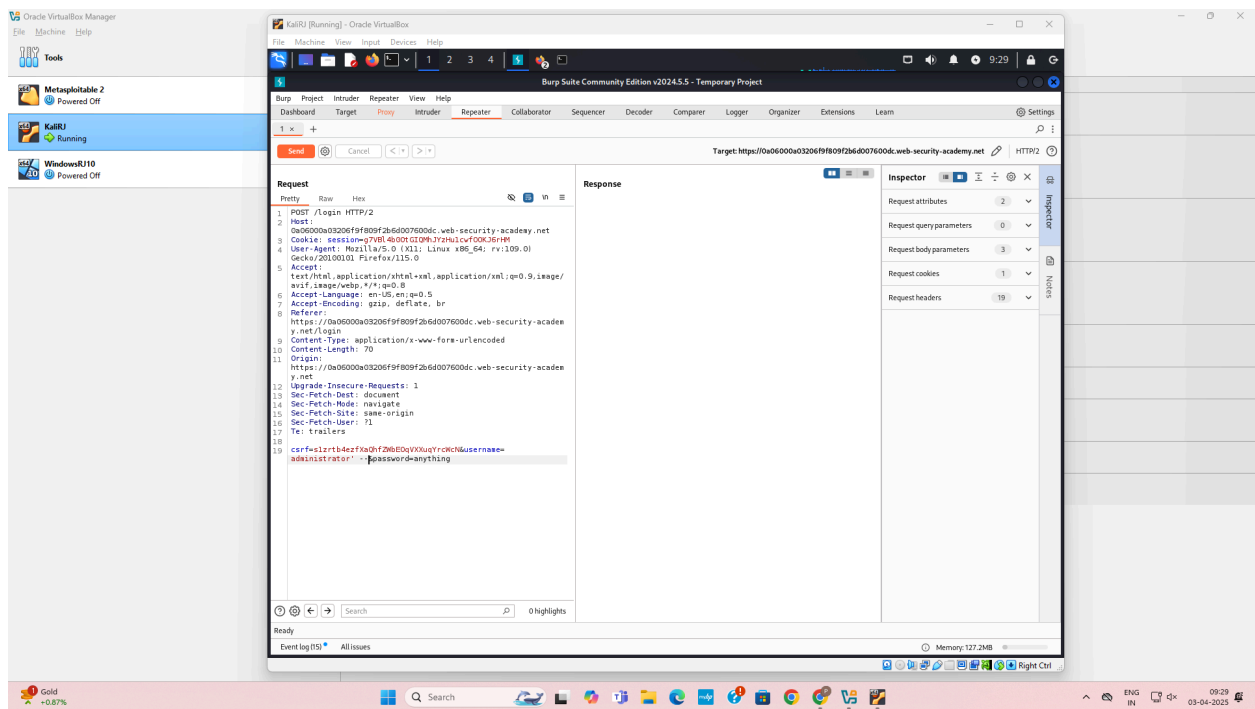
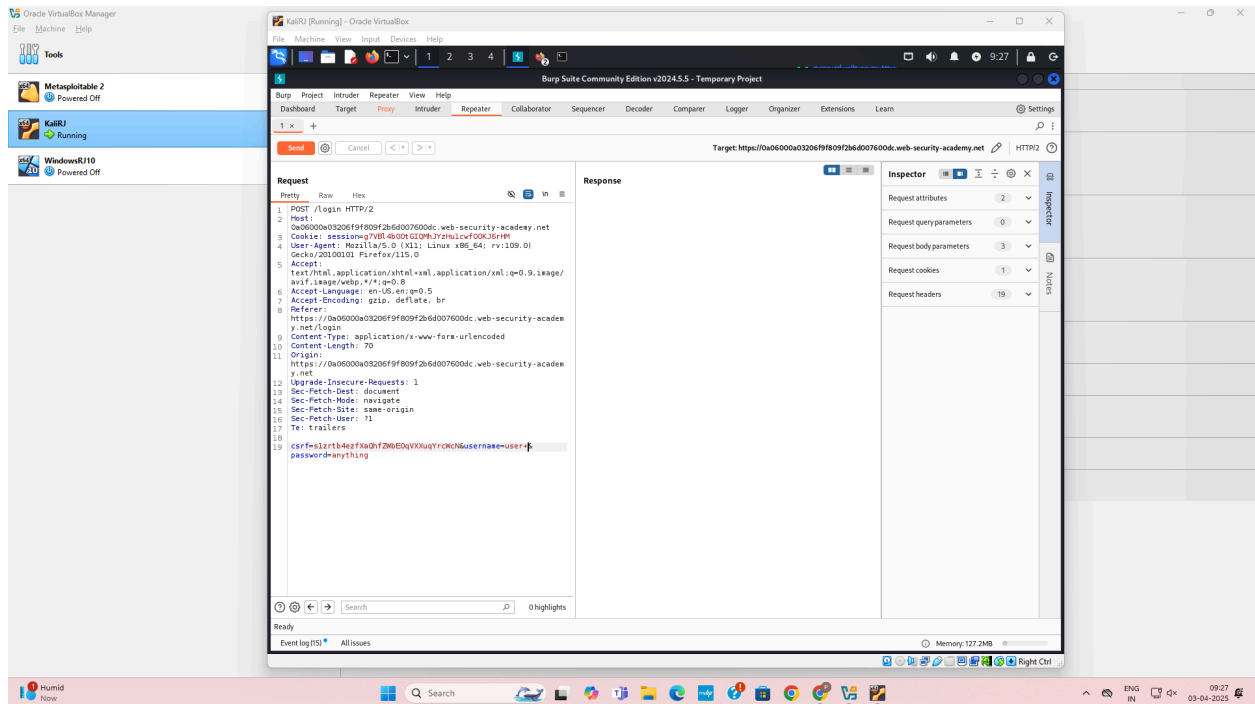
Step 6 :

In the burpsuite panel, check http history for a get/post request for login and send it to repeater.

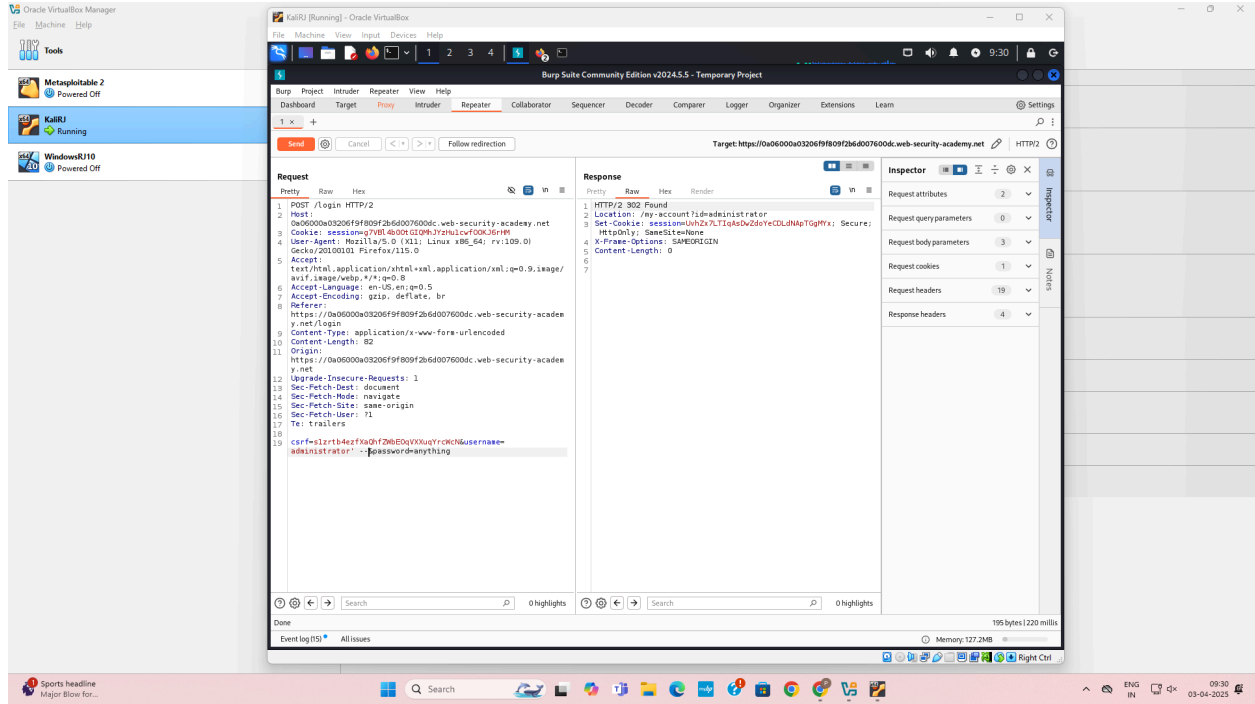


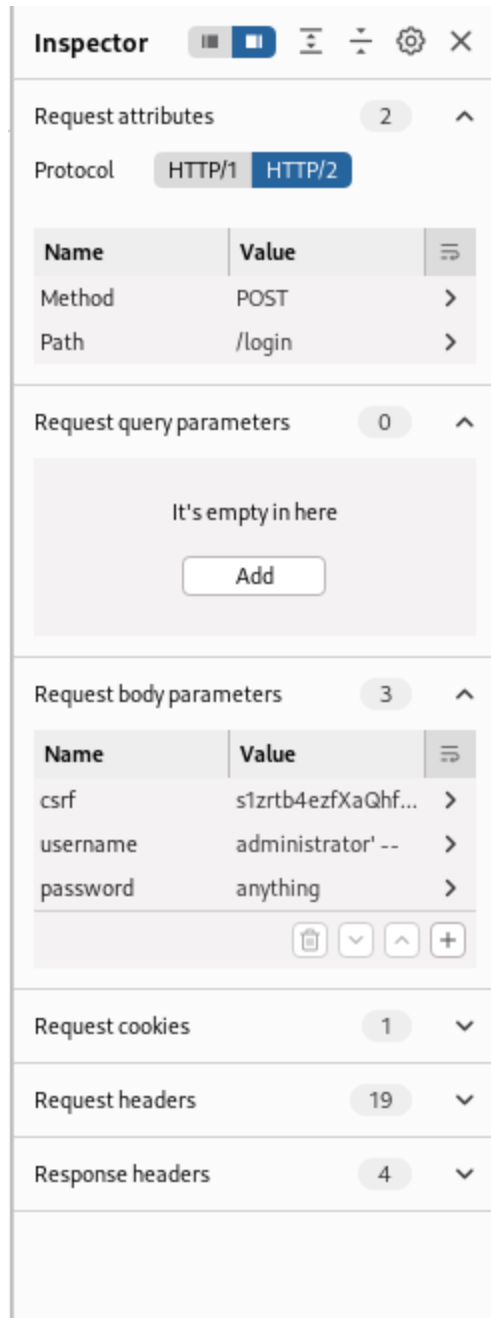
Step 7 :

In the repeater, modify the id to administrator' - -



Step 8 :
Send that request after modification





The modified request has been successfully sent, meaning we have gained admin access.

