# Application Security Lab Assignment

Name: Swanand Garge

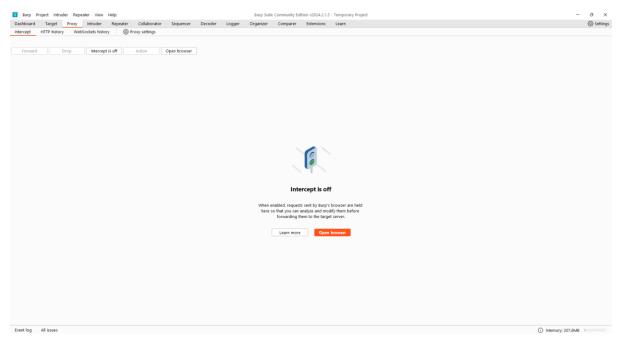
Div : D(D2)

Roll no:42

SRN: 202201589

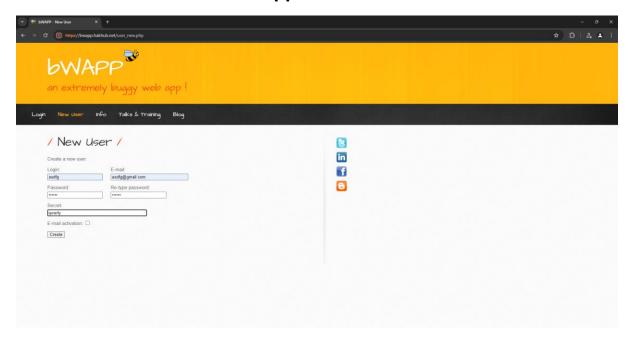
**Q** •Perform a Brute-Force attack on bwapp.hackhub.net(using burpsuite):

#### we go to our Burpsuite:

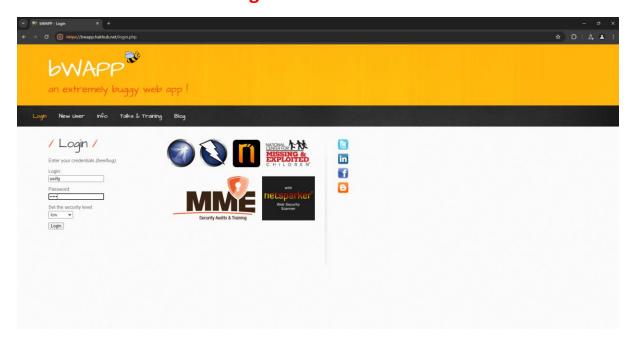


Here, we open the browser from here.

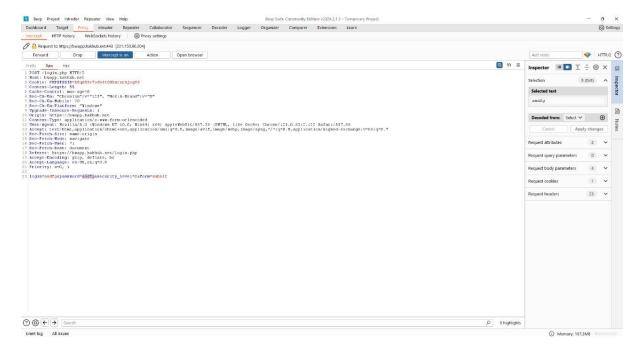
#### we create a new user on bwapp



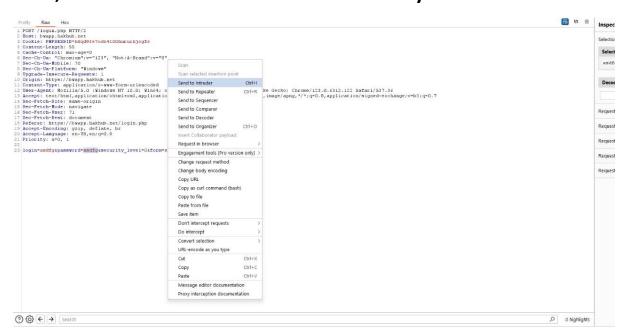
Then, we log in with a wrong password, in this case password is same as username i.e asdfg



Then, we go to our Burpsuite

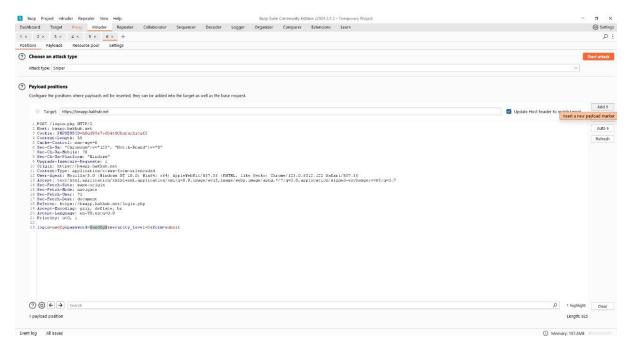


#### Here, we can see that the entire info is already in this console.

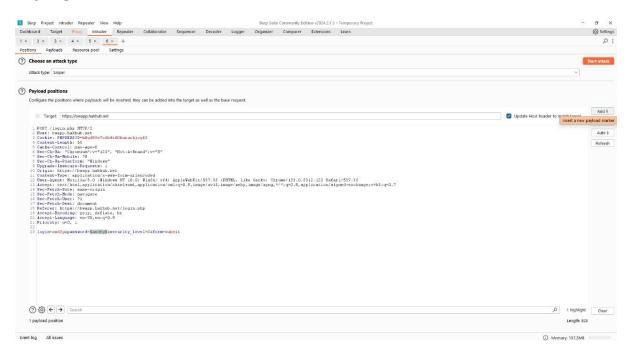


We right click on the page and 'send it to intruder'

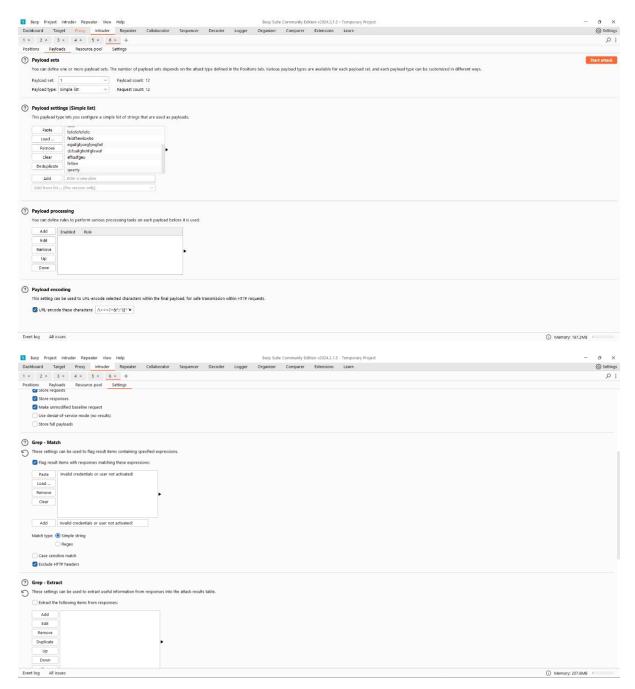
#### Then we go to the intruder tab



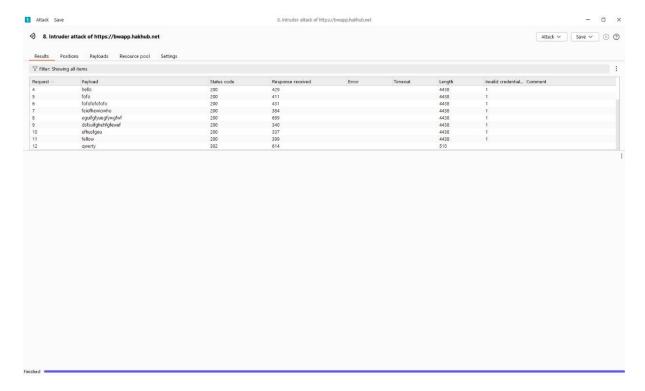
## Here, we select the previous password and wrap it with a payload marker.



In the intruder section, we go to the payloads section and under the settings listed below, select out text file with the list of passwords and in the settings, type the error that is displayed there into the box fields



After that, go to the payloads tab again and hit 'Start attack'



Here, the attack will start until it finds the correct credential for your password

In this case, the password was 'qwerty' and as you can see, it is not displayed in the invalid credentials tab resulting in the revelation of the correct password!

### **Conclusion:**

In conclusion, by utilizing Burp Suite, a thorough assessment of the bwapp.hackhub.net platform was conducted. Initially, a new user was created, and an attempt was made to log in with a wrong password, using 'asdfg' as the password, which coincided with the username. Subsequently, Burp Suite was employed to intercept and analyze the traffic. By sending the intercepted request to the Intruder tab and configuring payloads with a list of potential passwords, the attack commenced. Through systematic testing, it was determined that the original password 'qwerty' was successfully identified, despite not being revealed during the initial login attempt. This demonstration underscores the significance of robust security measures and highlights the susceptibility of systems to credential-based attacks, emphasizing the critical need for proactive security measures to safeguard sensitive information.