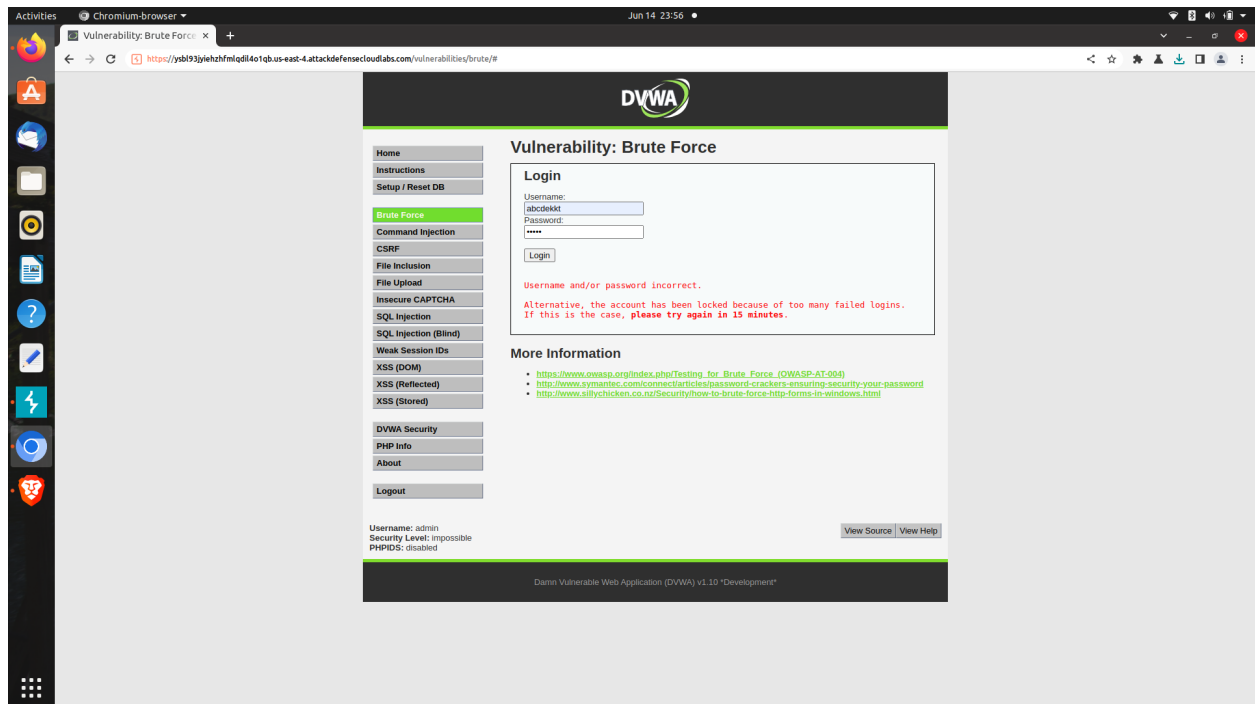


# Assignment 1.

## DVWA solution

### 1)Brute forces(medium)



As entered username and password is incorrect. Now we try to crack the username and password intercepting the request through burpsuite sent to server.

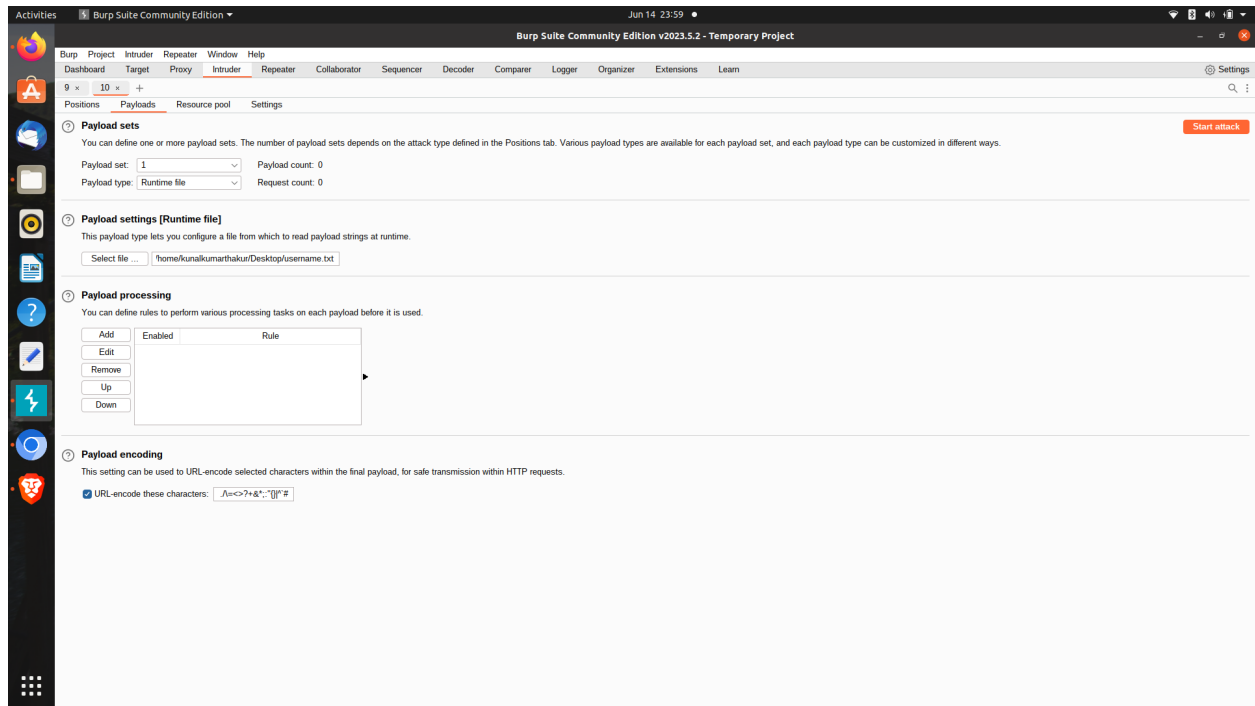
The screenshot shows the Burp Suite Community Edition interface. The main window displays the 'Vulnerability: Brute Force' page, which includes a login form with fields for 'Username' (abcdekkk) and 'Password' (\*\*\*\*\*), and a 'Login' button. Below the form, there is a message: 'Username and/or password is incorrect. Alternative, the account has been locked. If this is the case, please contact your administrator.' The page also features a 'More Information' section with links to external resources.

The right-hand pane shows the 'Proxy' tab, displaying a list of intercepted requests. The first request is a POST to '/vulnerabilities/brute/' with the following details:

- Method: POST
- URL: /vulnerabilities/brute/
- Host: ysb193jyiezhfmlqdl401qb.us-east-4.attackdefensecloudlabs.com
- Cookie: security=impossible; PHPSESSID=r8bi1540pgcm9duis068lpmk4; security=low
- Content-Length: 88
- Cache-Control: max-age=0
- Sec-Ch-Ua: ''
- Sec-Ch-Ua-Mobile: ?0
- Sec-Ch-Ua-Platform: ''
- Upgrade-Insecure-Requests: 1
- Origin: https://ysb193jyiezhfmlqdl401qb.us-east-4.attackdefensecloudlabs.com
- Content-Type: application/x-www-form-urlencoded
- User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/114.0.5735.91 Safari/537.36
- Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,\*/\*;q=0.8,application/signed-exchange;v=b3;q=0.7
- Sec-Fetch-Site: same-origin
- Sec-Fetch-Mode: navigate
- Sec-Fetch-User: ?1
- Sec-Fetch-Dest: document
- Referer: https://ysb193jyiezhfmlqdl401qb.us-east-4.attackdefensecloudlabs.com/vulnerabilities/brute/
- Accept-Encoding: gzip, deflate
- Accept-Language: en-GB,en-US;q=0.9,en;q=0.8

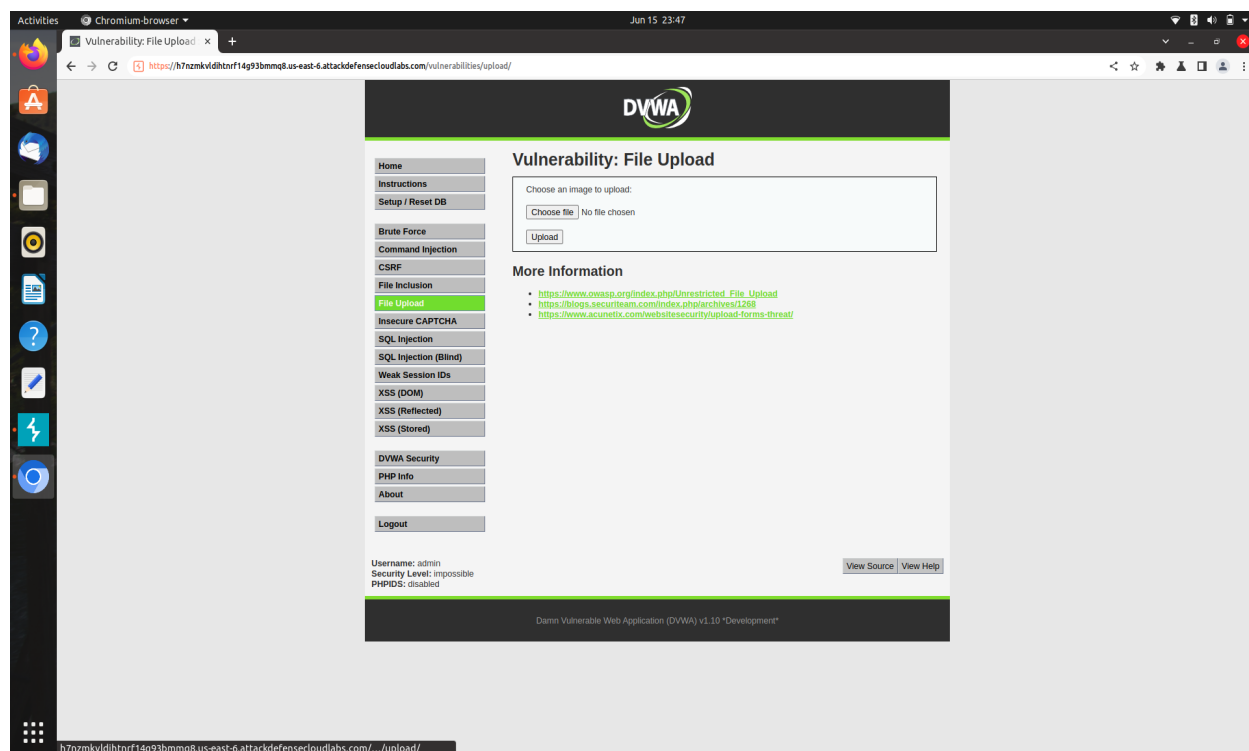
The bottom status bar indicates 0 matches.

here we can see the request sent to the server. Now send it to intruder



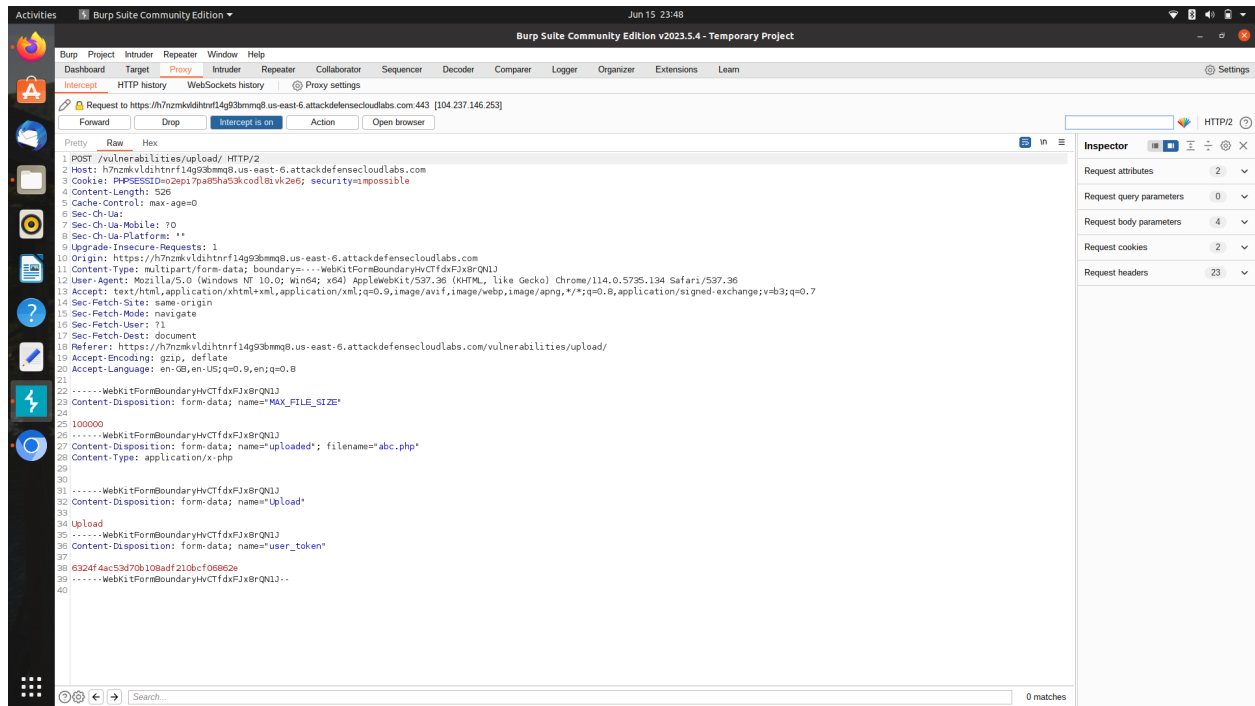
Go into payloads select file for username and password separately select type of attacks and click on start attack.

2)File upload(medium)



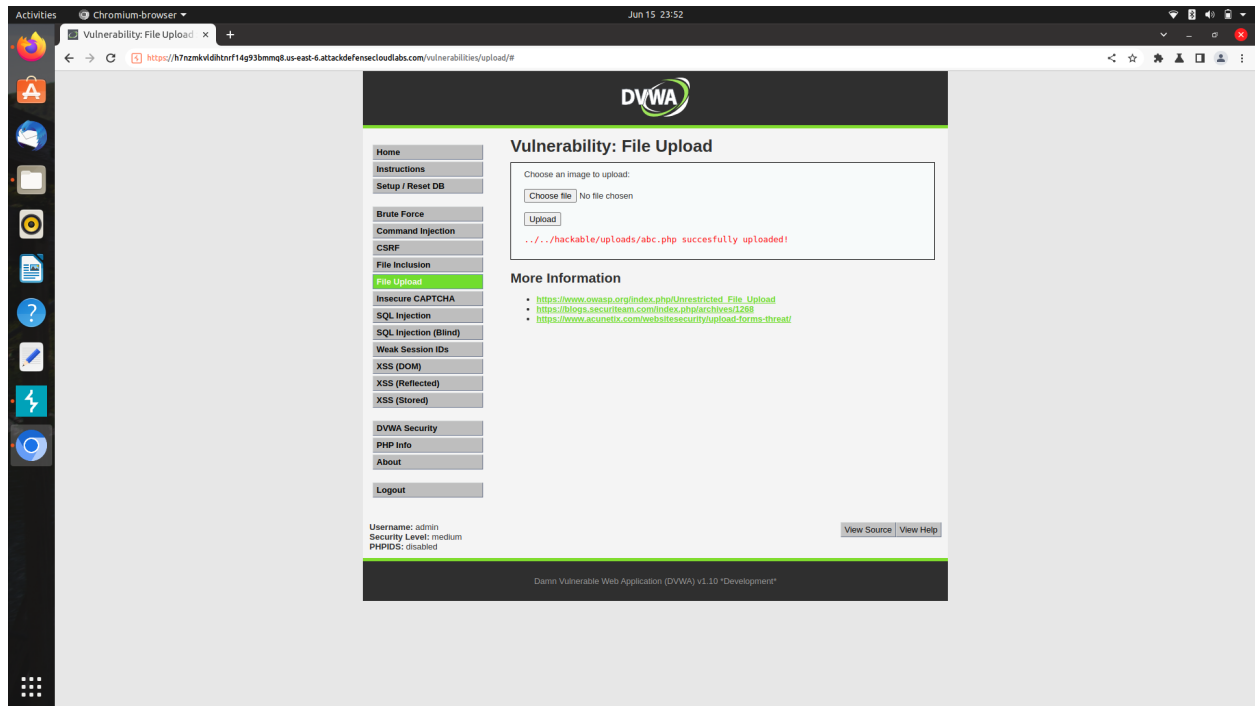
Form source code we can see this only takes jpeg file and gave a error if we upload png file in it. Now we have to

upload png file in it by cracking the code.

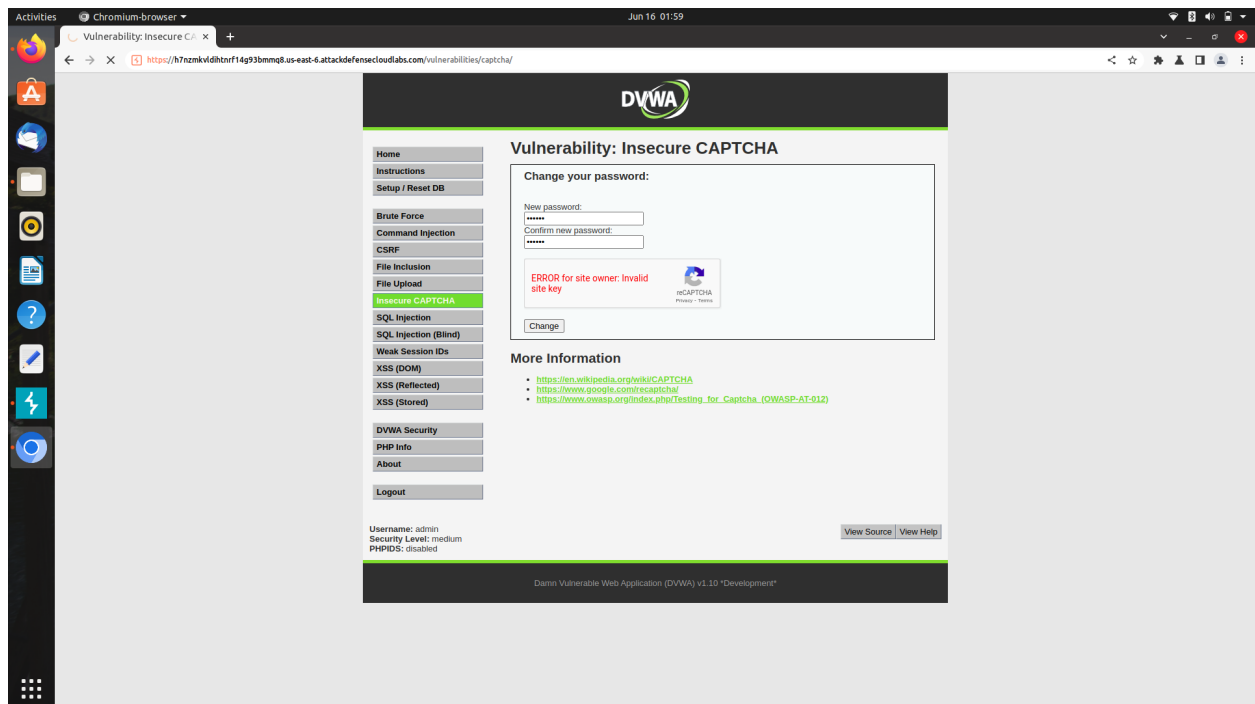


We can see the path intercepted in burpsuite now change the content from png to JPEG after this file will be seen

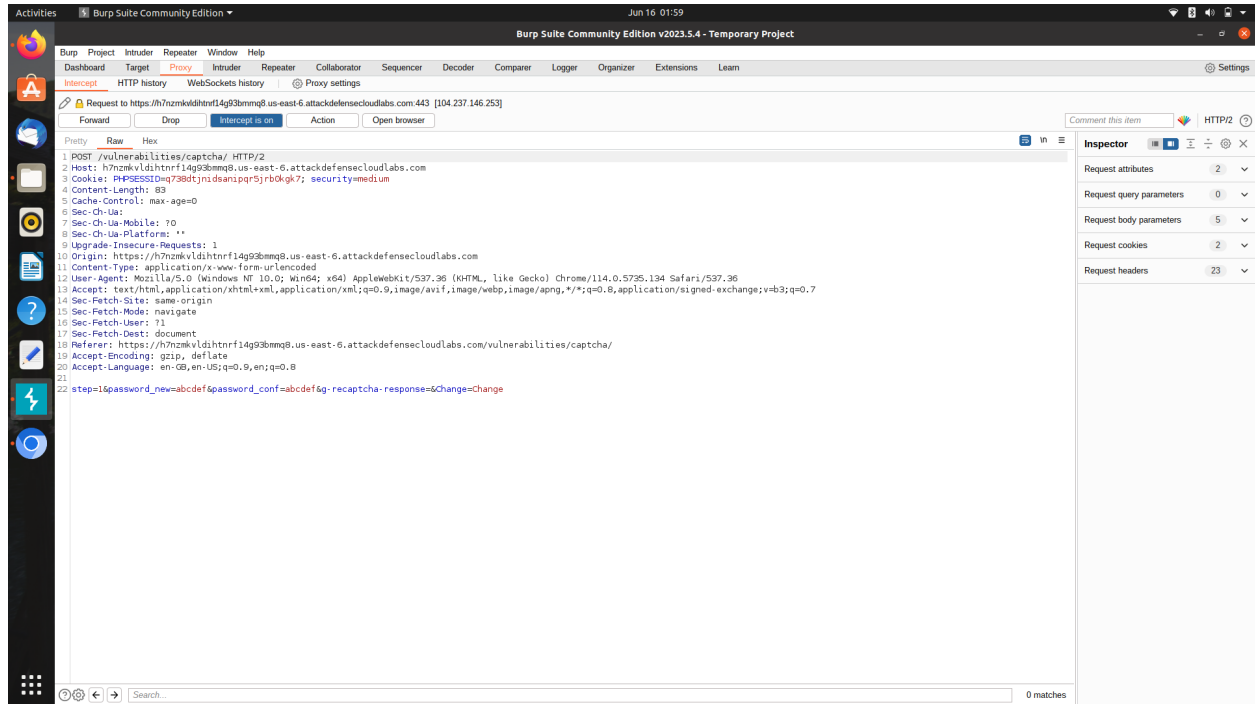
uploaded, as we can see in below image.



### 3) Insecure captcha



Here we have to change the password by clicking on source code we can know about its command and how code works.



Now intercept its path in brute forces and just do change in it like add step2 instead of step1 such that command directly jumps on step2 without checking step1. Then make passed\_captcha=true and forward it. We will see the password is changed