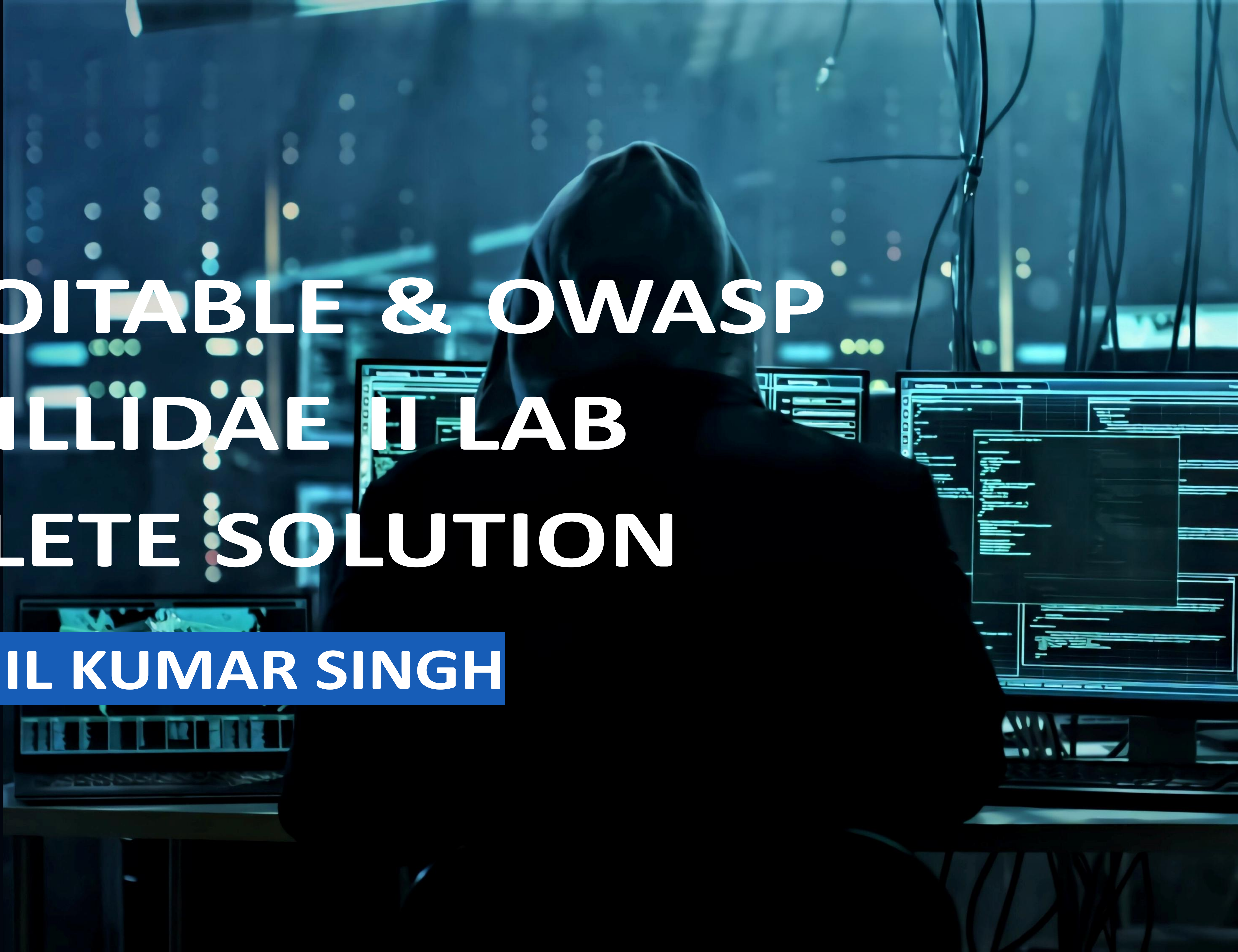


METASPLOITABLE & OWASP MUTILLIDAE II LAB COMPLETE SOLUTION

NAME: SAHIL KUMAR SINGH

objective

to set up metasploite and fix the mutillidae || database error and demonstrate OWASP Top 10 vulnerablities.

Tools used 🚀

VMware workstation Pro

Metasploitable 2 kali Linux

OWASP Mutillidae ||

Steps Performed

1.created a new Linux user in metasploitable as “Sahil1”.

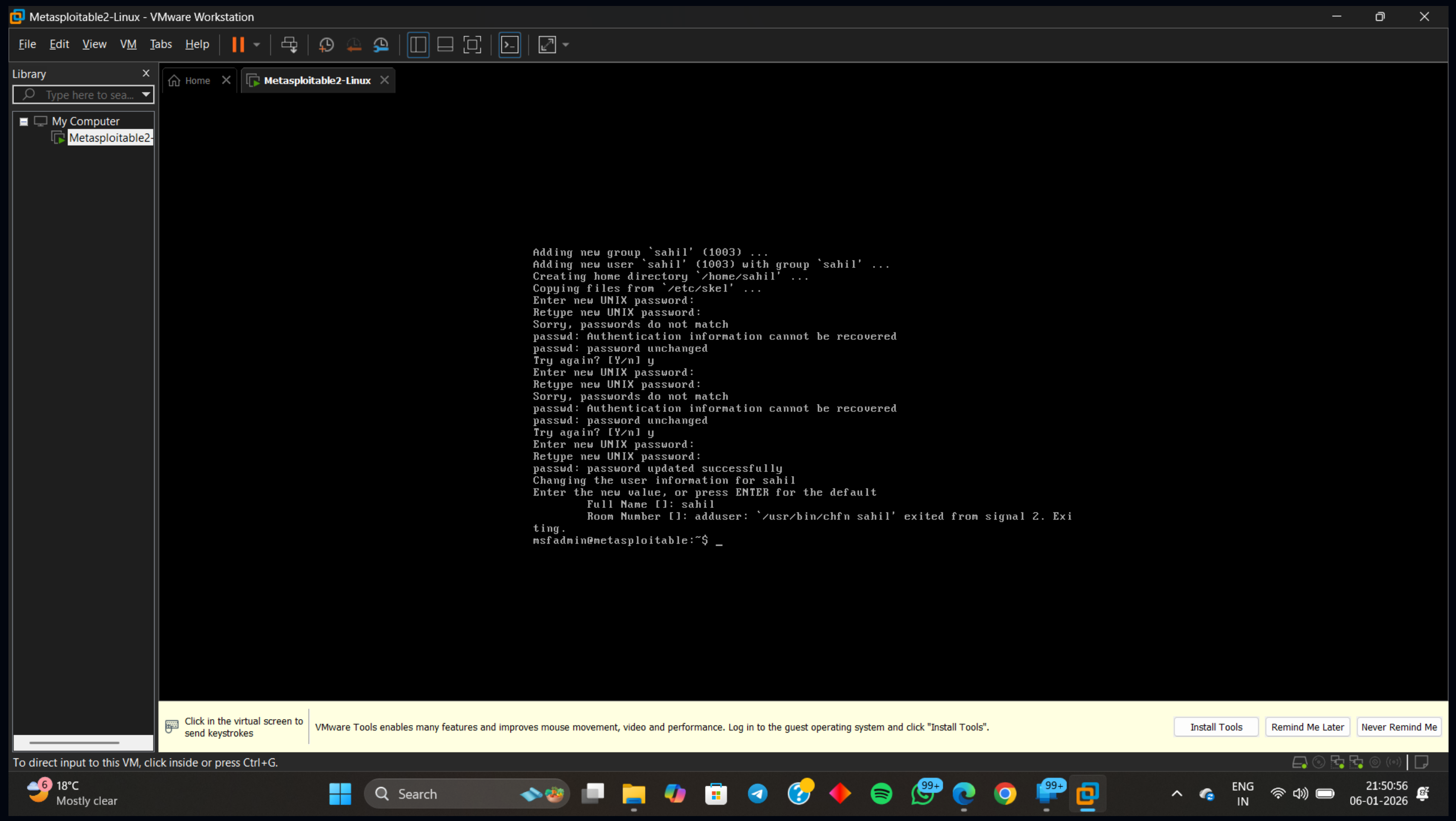
2. Configured MySQL using init scripts.

3. Fixed Mutillidae || database error.

4.Then, Verified Mutillidae II running successfully in browser.

5.Tested OWASP Top 10 vulnerabilities.

Screenshorts



```
Adding new group `sahil' (1003) ...
Adding new user `sahil' (1003) with group `sahil' ...
Creating home directory `/home/sahil' ...
Copying files from `/etc/skel' ...
Enter new UNIX password:
Retype new UNIX password:
Sorry, passwords do not match
passwd: Authentication information cannot be recovered
passwd: password unchanged
Try again? [Y/n] y
Enter new UNIX password:
Retype new UNIX password:
Sorry, passwords do not match
passwd: Authentication information cannot be recovered
passwd: password unchanged
Try again? [Y/n] y
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
Changing the user information for sahil
Enter the new value, or press ENTER for the default
        Full Name []: sahil
        Room Number []: adduser: `/usr/bin/chfn sahil' exited from signal 2. Exi
ting.
msfadmin@metasploitable:~$ _
```

Click in the virtual screen to send keystrokes

VMware Tools enables many features and improves mouse movement, video and performance. Log in to the guest operating system and click "Install Tools".

To direct input to this VM, click inside or press Ctrl+G.

Now follow these steps to build your project

Step 1: Login as Admin User login:

msfadmin

password: msfadmin **step 2: Switch to Root**

```
sudo su
```

(Admin privileges)

Step3: Navigate to Mutillidae Configuration Directory cd

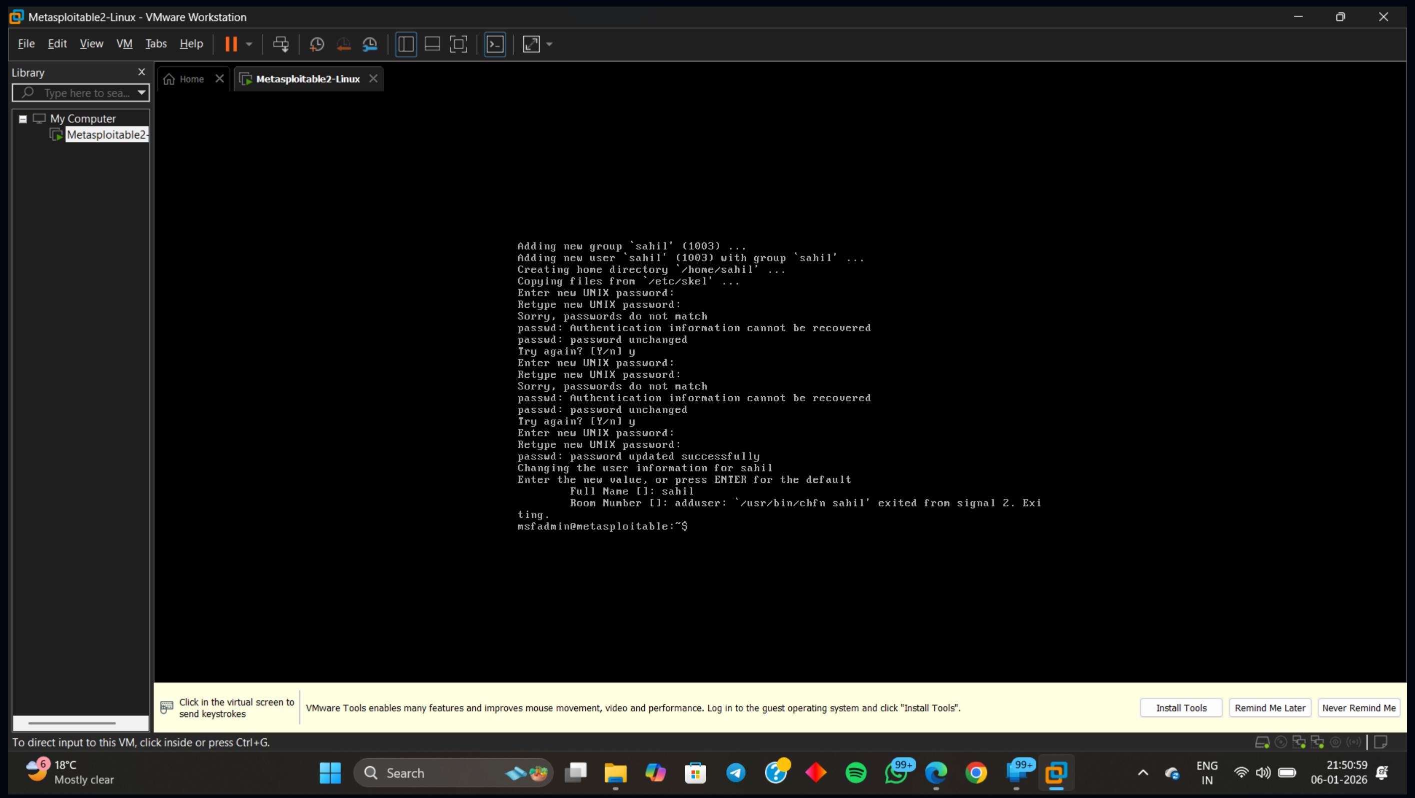
/var/www/mutillidae **Step4: List all th files**

ls

Step5: Open Configuration File in Nano Editor sudo nano

config.inc

Step6: Change the database name from ‘metasploit’ to ‘owasp10’ :



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Adding new user `sahil' (1003) with group `sahil' ...
Creating home directory `/home/sahil' ...
Copying files from `/etc/skel' ...
Enter new UNIX password:
Retype new UNIX password:
Sorry, passwords do not match
passwd: Authentication information cannot be recovered
passwd: password unchanged
Try again? [Y/n] y
Enter new UNIX password:
Retype new UNIX password:
Sorry, passwords do not match
passwd: Authentication information cannot be recovered
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To direct input to this VM, click inside or press Ctrl+G.

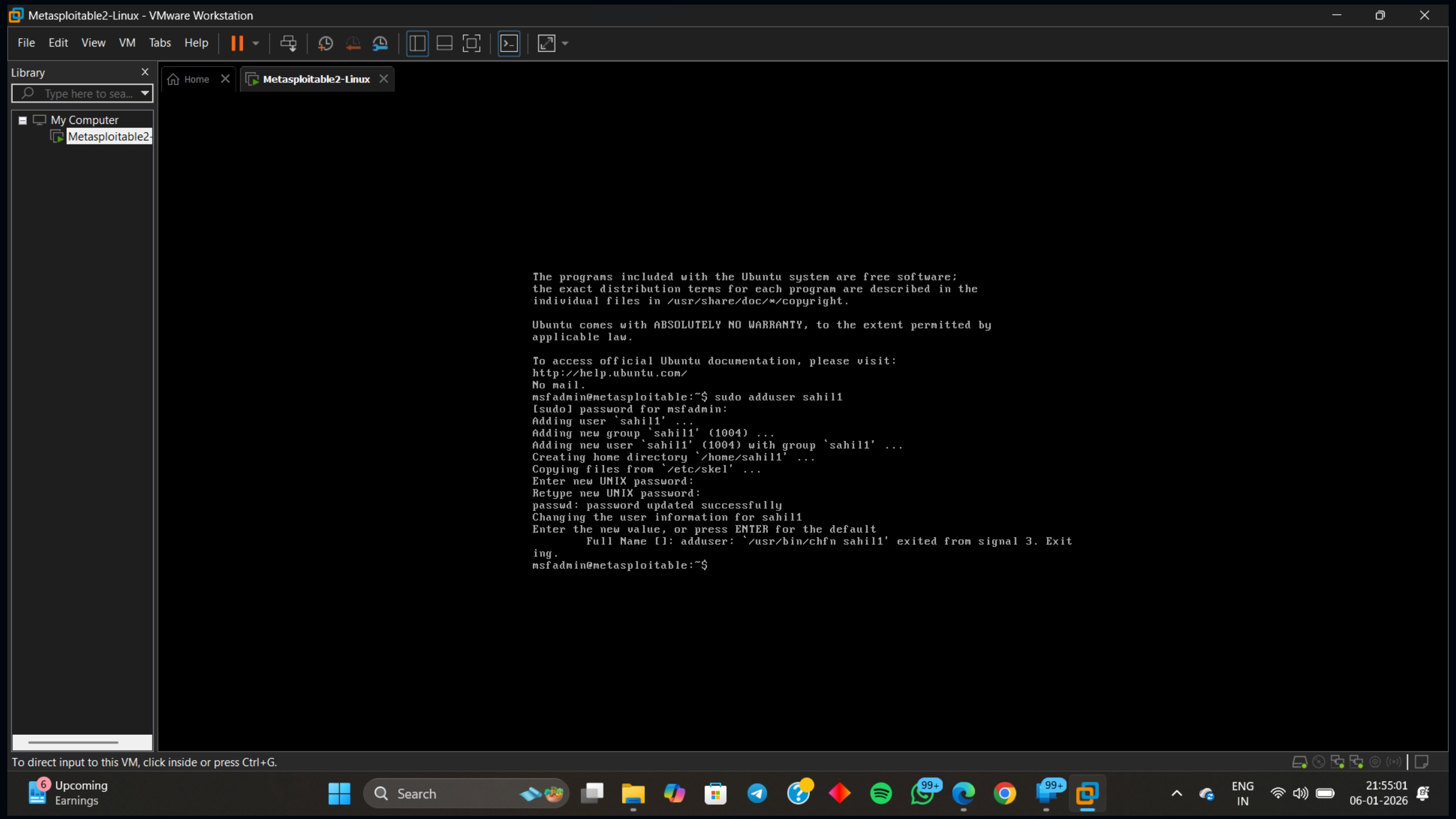
Step7: Save and Exit Nano Editor

CTRL + O → Enter CTRL + X

Step8: Start / Restart Apache Server

```
/etc/init.d/mysql status
```

Step11: Verify Network & Get IP Address



```
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
No mail.
msfadmin@metasploitable:~$ sudo adduser sahil1
[sudo] password for msfadmin:
Adding user `sahil1' ...
Adding new group `sahil1' (1004) ...
Adding new user `sahil1' (1004) with group `sahil1' ...
Creating home directory `/home/sahil1' ...
Copying files from `/etc/skel' ...
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
Changing the user information for sahil1
Enter the new value, or press ENTER for the default
        Full Name []: adduser: `/usr/bin/chfn sahil1' exited from signal 3. Exit
ing.
msfadmin@metasploitable:~$
```

11: Reset Mutillidae Database (First Time Only) of body text

From the Mutillidae web interface:

Click on Reset DB

Confirm database reset

Final Result

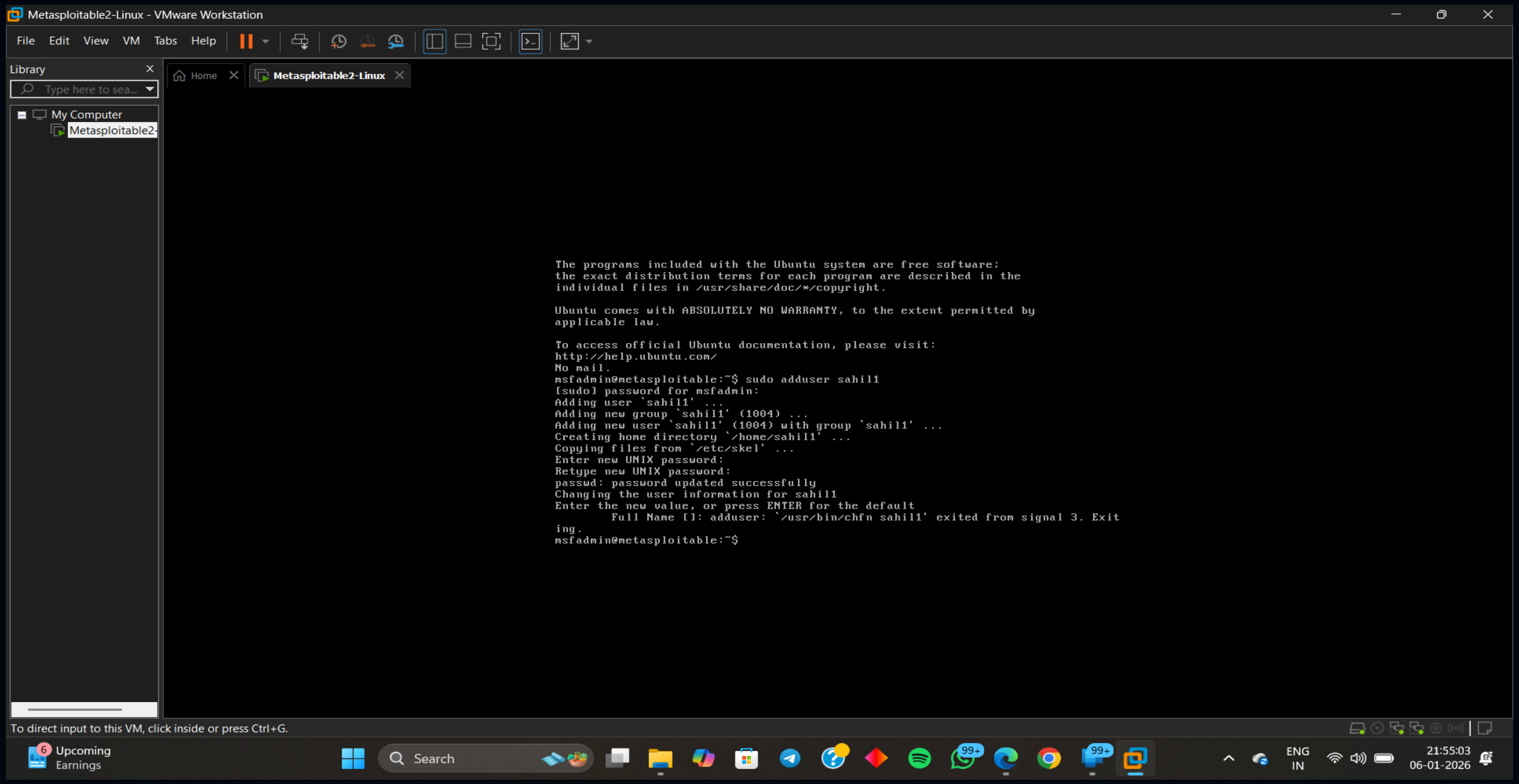
OWASP Mutillidae II loaded successfully

OWASP Top 10 enabled

Application running using admin (msfadmin) user

Apache & MySQL services running properly

Disclaimer



Metasploitable2-Linux - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to sea...
My Computer
Metasploitable2-
Home
Metasploitable2-Linux
To direct input to this VM, click inside or press Ctrl+G.
Upcoming
Earnings
Search
ENG
IN
21:55:03
06-01-2026

```
The programs included with the Ubuntu system are free software;
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No mail.
msfadmin@metasploitable:~$ sudo adduser sahil1
[sudo] password for msfadmin:
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Adding new group `sahil1' (1004) ...
Adding new user `sahil1' (1004) with group `sahil1' ...
Creating home directory `/home/sahil1' ...
Copying files from `/etc/skel' ...
Enter new UNIX password:
Retype new UNIX password:
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ing.
msfadmin@metasploitable:~$
```

THANK YOU