	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Weekly Report for Internship

Roll No: TACO19108

Name of the Student: Ojus Jaiswal

Name of the Company: T A L A K U N C H I Networks Pvt. Ltd.

Domain of Internship: Cyber Security (Ethical Hacking)

Name of the Internal Guide: Mrs. Nalini Jagtap

Name of the External Guide: Mrs. Poojitha Nandimandalam

Duration of Internship: 2 Months

	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Week - I

Dates: 10 January, 2022 to 16 January, 2022

Description of work done till date:

I attended orientation session and got the access of Learning Management System (LMS). For first two weeks we have to attend sessions on LMS for basic understanding of our domain.

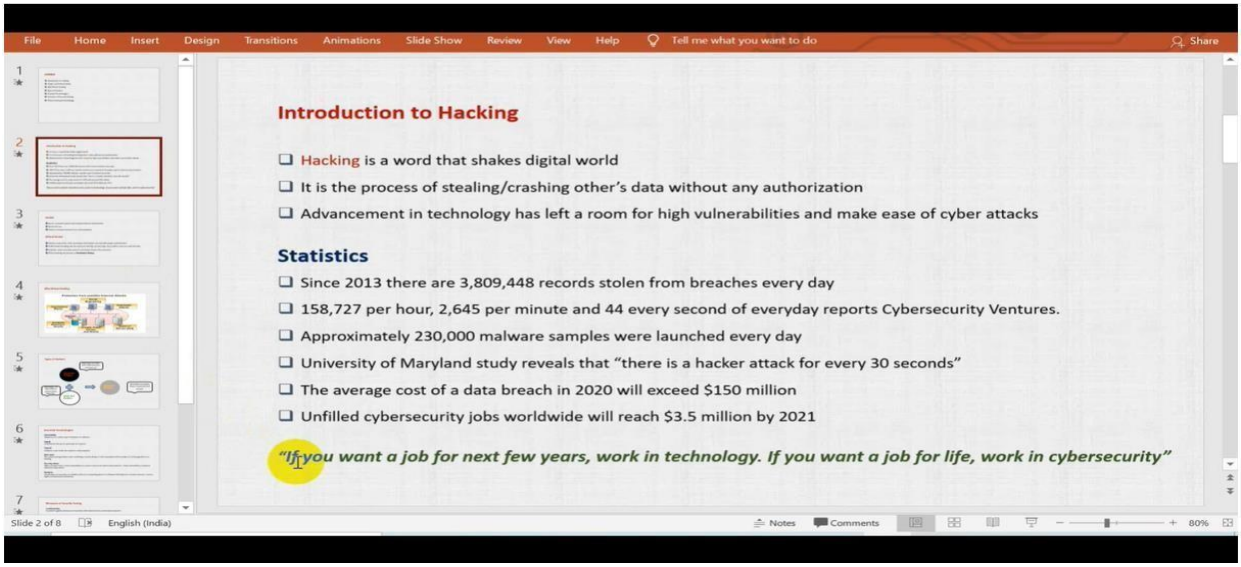
On the first week, I completed sessions on introduction to Ethical Hacking in which we were told about its definition, importance in digital world, and the job opportunities.

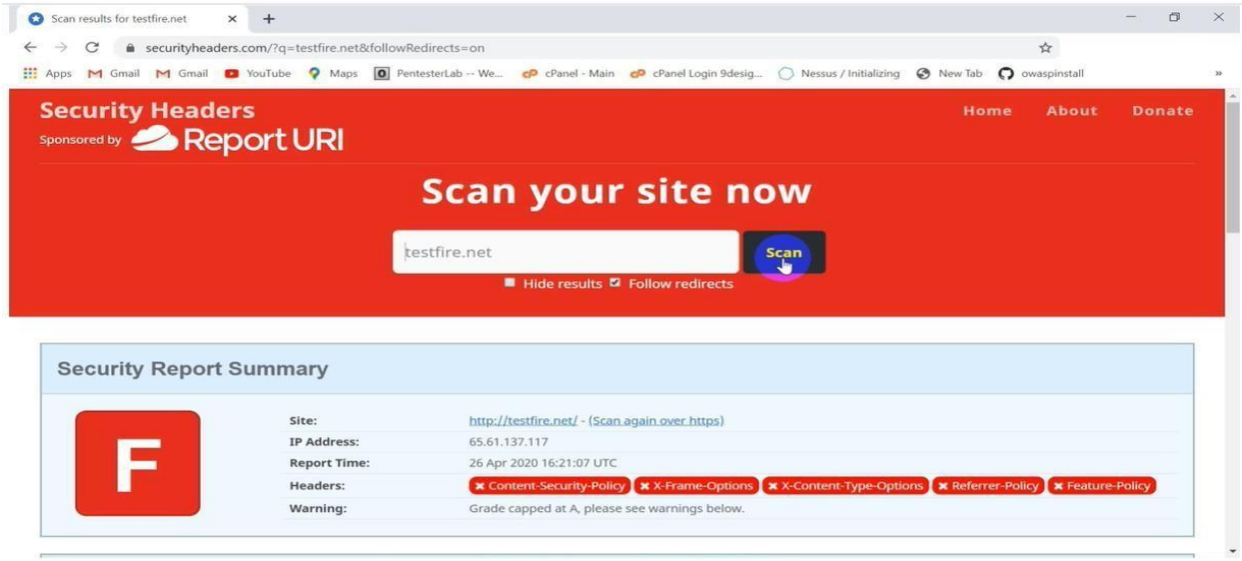
Student Sign **Internal Guide Sign**

DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

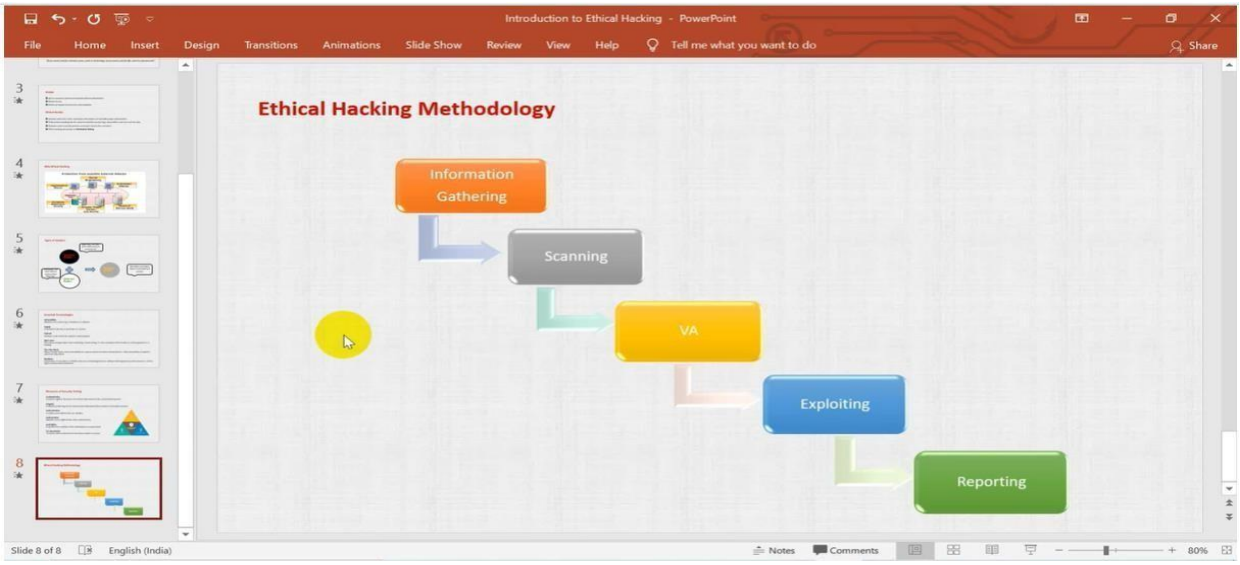
Supporting Documents:

1. **Glimpse**





	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Weekly Report for Internship

Roll No: TACO19108

Name of the Student: Ojus Jaiswal

Name of the Company: T A L A K U N C H I Networks Pvt. Ltd.

Domain of Internship: Cyber Security (Ethical Hacking)

Name of the Internal Guide: Mrs. Nalini Jagtap

Name of the External Guide: Mrs. Poojitha Nandimandalam

Duration of Internship: 2 Months

	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Week - II

Dates: 17 January, 2022 to 23 January, 2022

Description of work done till date:

In second week, I completed sessions on Kali Linux and Linux Commands in which we were taught about how to download and install Kali Linux on our systems.

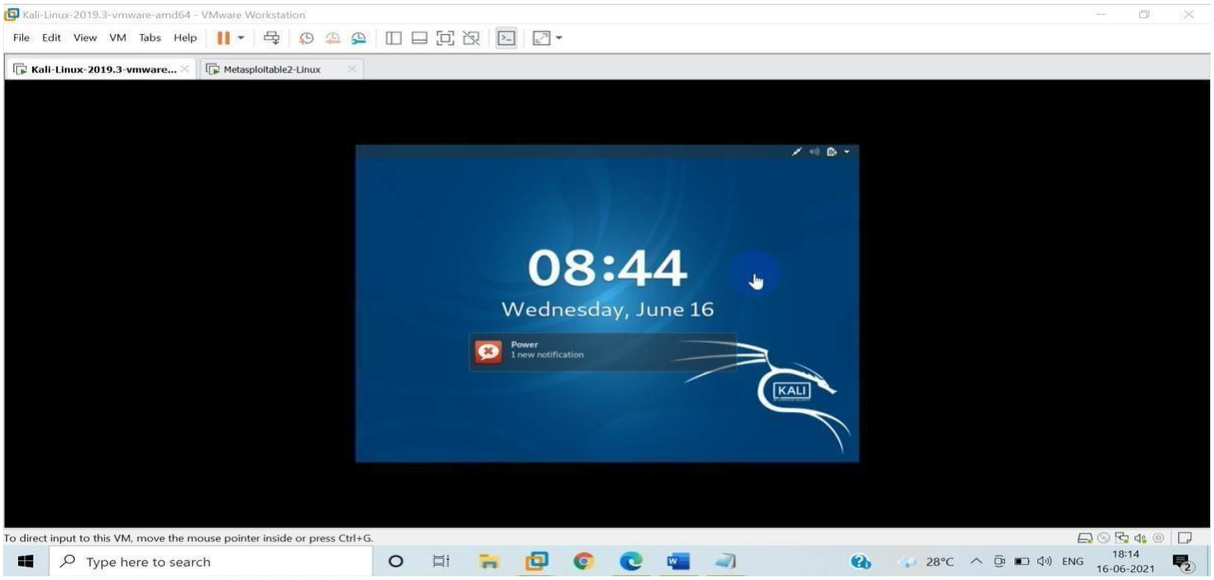
Then we were taught why we use Kali Linux for ethical hacking and the commands that will come handy while using it. These commands are used in shell which helps us use OS without using GUI. Shell commands are very powerful and can be used to do tedious task very easily.

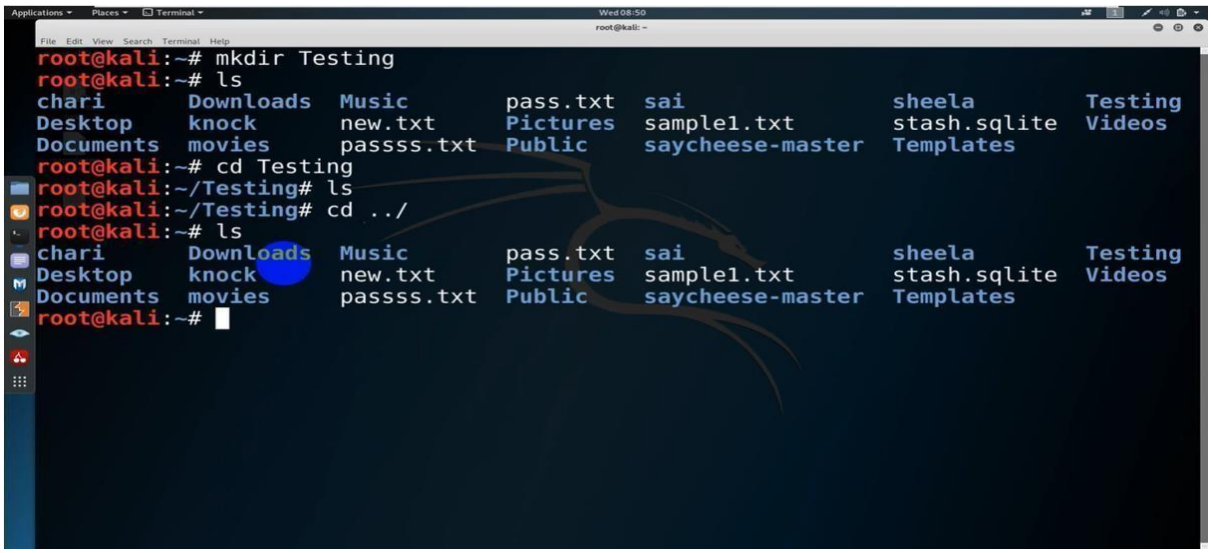
Student Sign **Internal Guide Sign**

DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

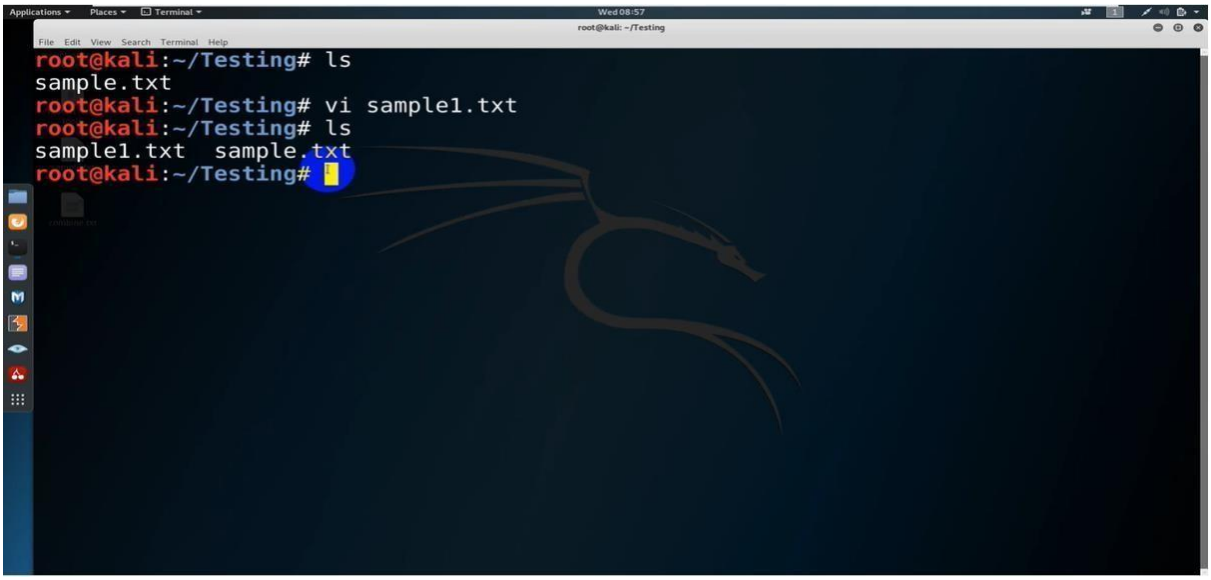
Supporting Documents:

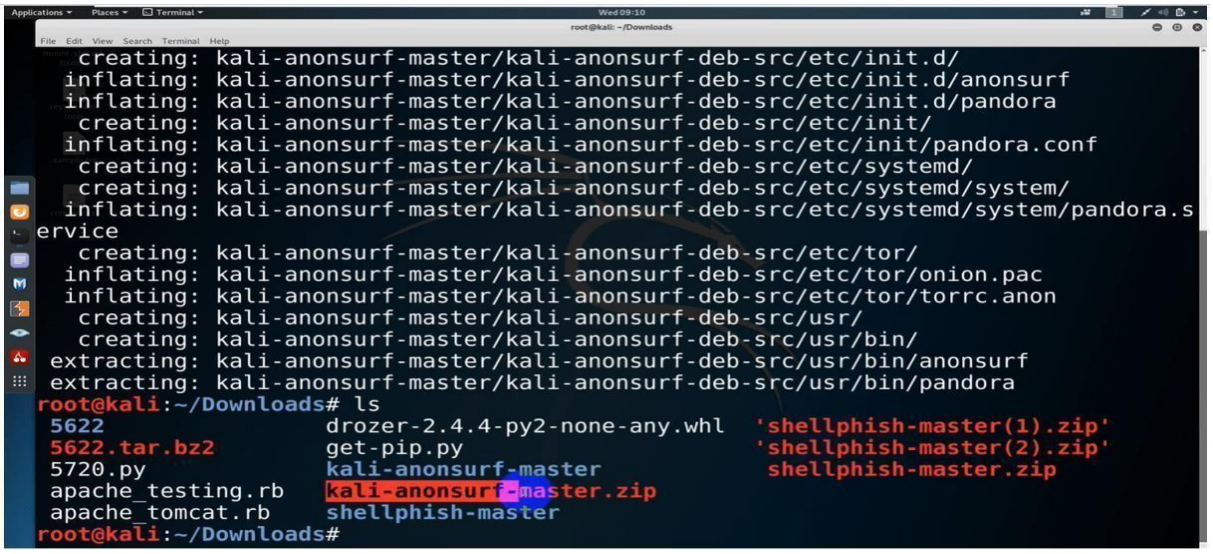
1. **Glimpse**





	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**





DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Weekly Report for Internship

Roll No: TACO19108

Name of the Student: Ojus Jaiswal

Name of the Company: T A L A K U N C H I Networks Pvt. Ltd.

Domain of Internship: Cyber Security (Ethical Hacking)

Name of the Internal Guide: Mrs. Nalini Jagtap

Name of the External Guide: Mrs. Poojitha Nandimandalam

Duration of Internship: 2 Months

DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Week - III

Dates: 24 January, 2022 to 30 January, 2022

Description of work done till date:

In third week, we were given project no. 1 i.e., Authentication Bypass. In this project we have to use SQL injection for logging in to sites with any username and passwords. This is used for testing if website is vulnerable to SQL Injections.

We were first told to attend sessions from LMS which will cover basics regarding the topic. Then after completion of sessions from LMS, live hands-on lecture was conducted in which the instructor showed us practical implementation of project. Then doubt session was conducted for clearing our doubts and to check if we were facing any problem in project execution.

Student Sign **Internal Guide Sign**

DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

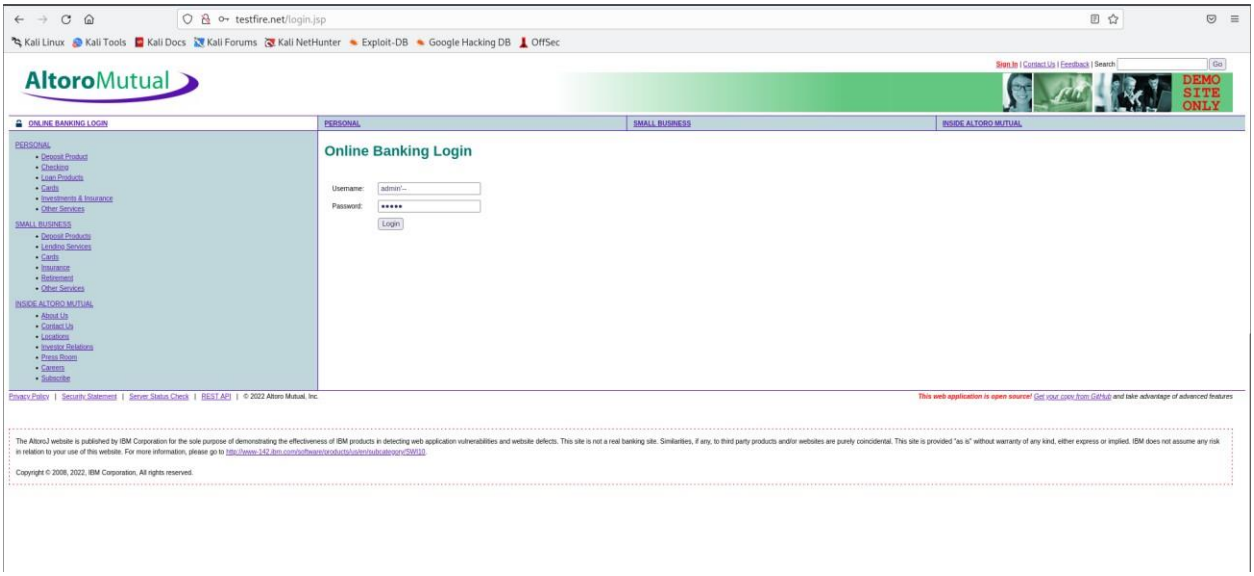
Supporting Documents:

Project 1

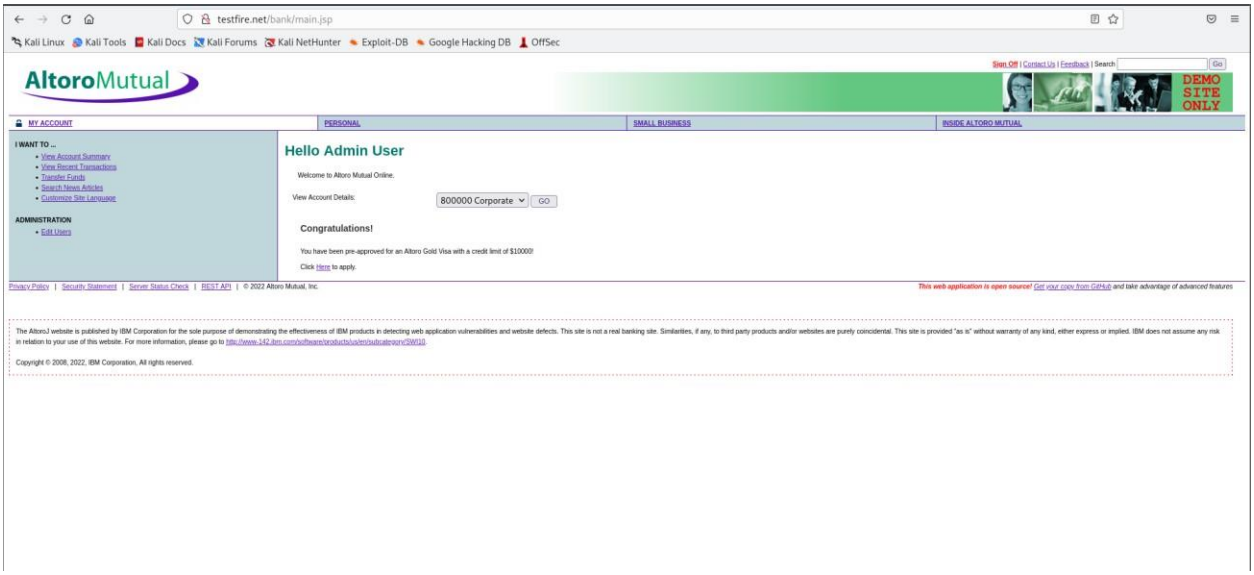
Information Gathering and Exploitation (Authentication Bypass)

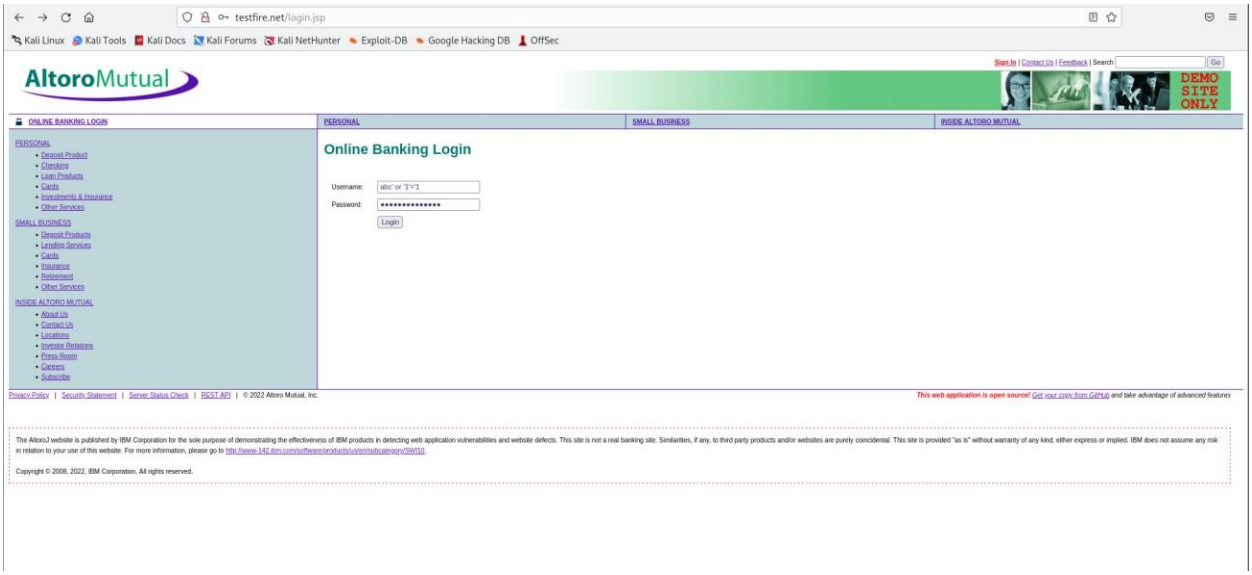
Task 1 :- Take some random websites using Google hacking database and enter into their admin panel using SQL Injections (Manual and using a tool called burp suite)

Solution :-

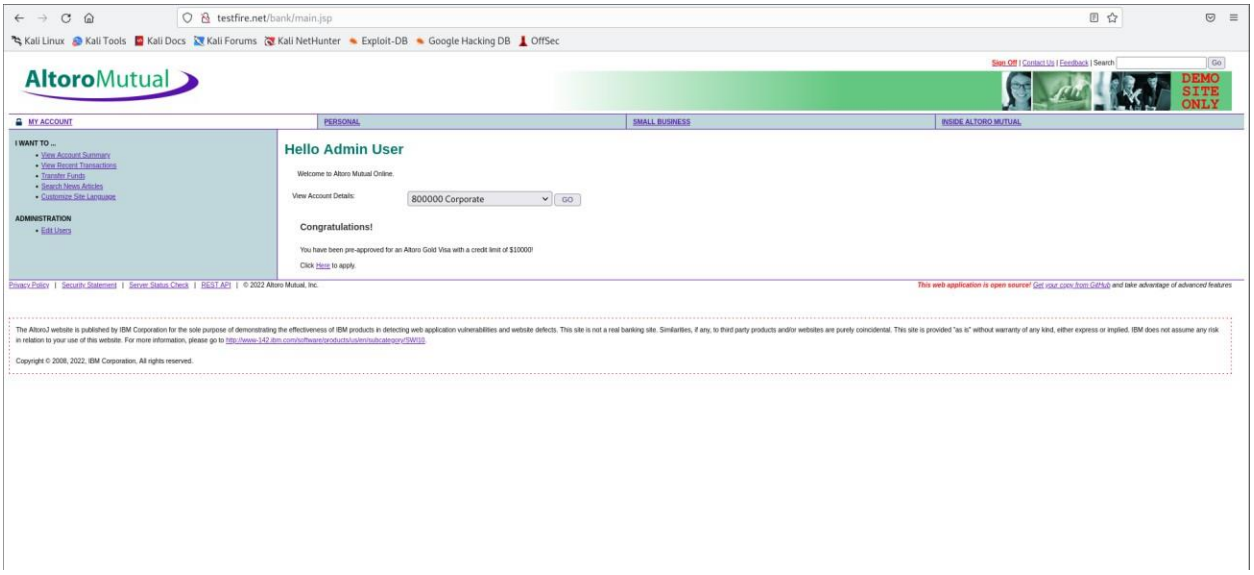


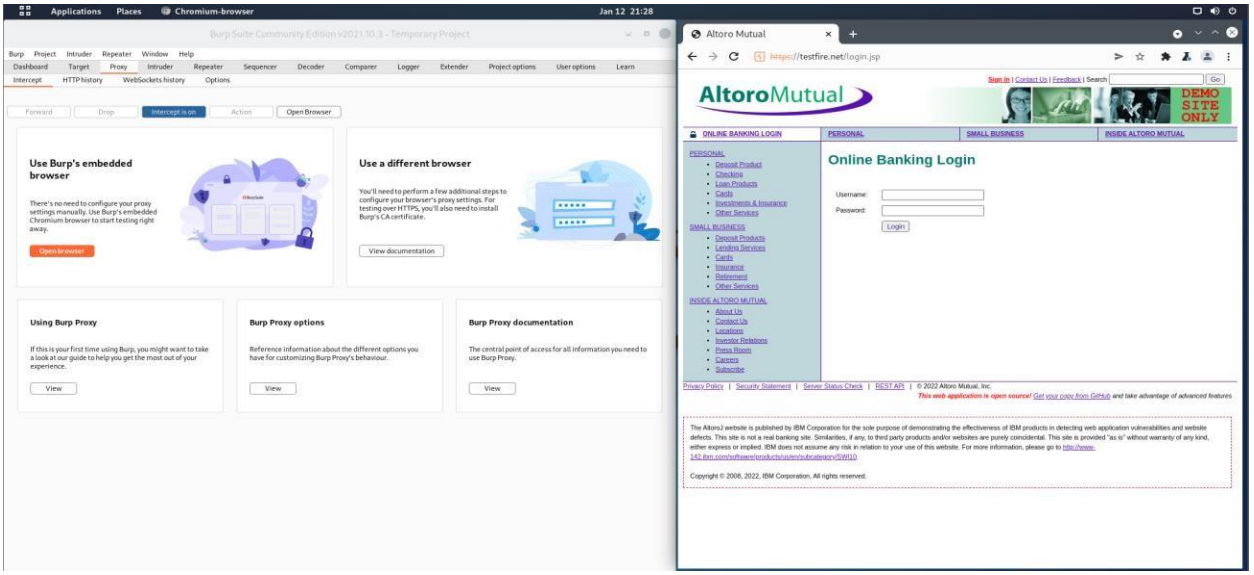
DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



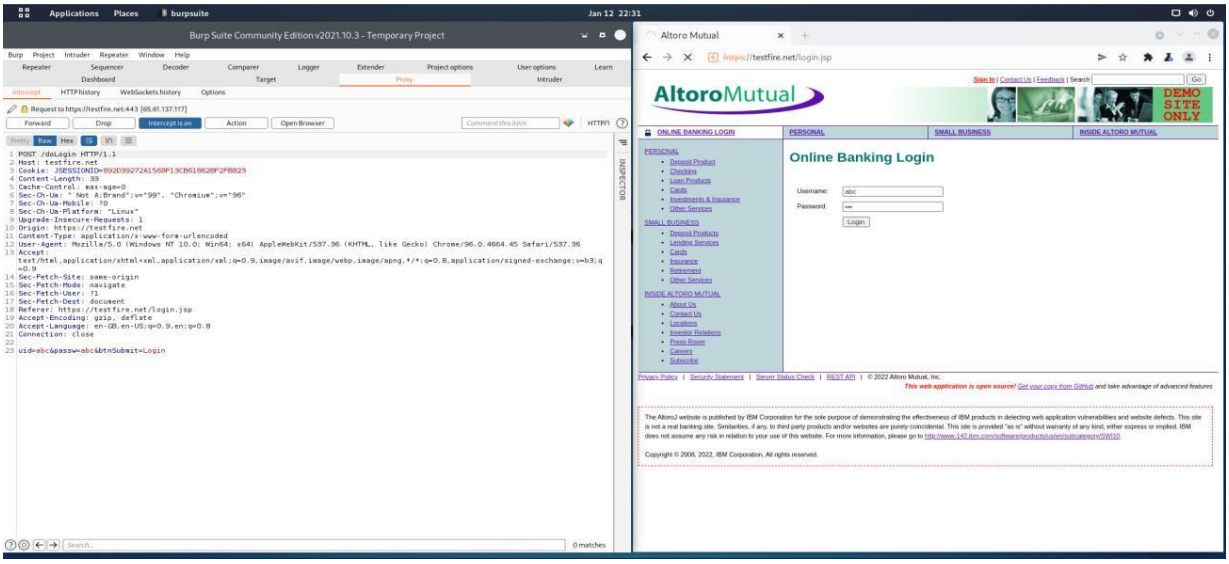


DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**





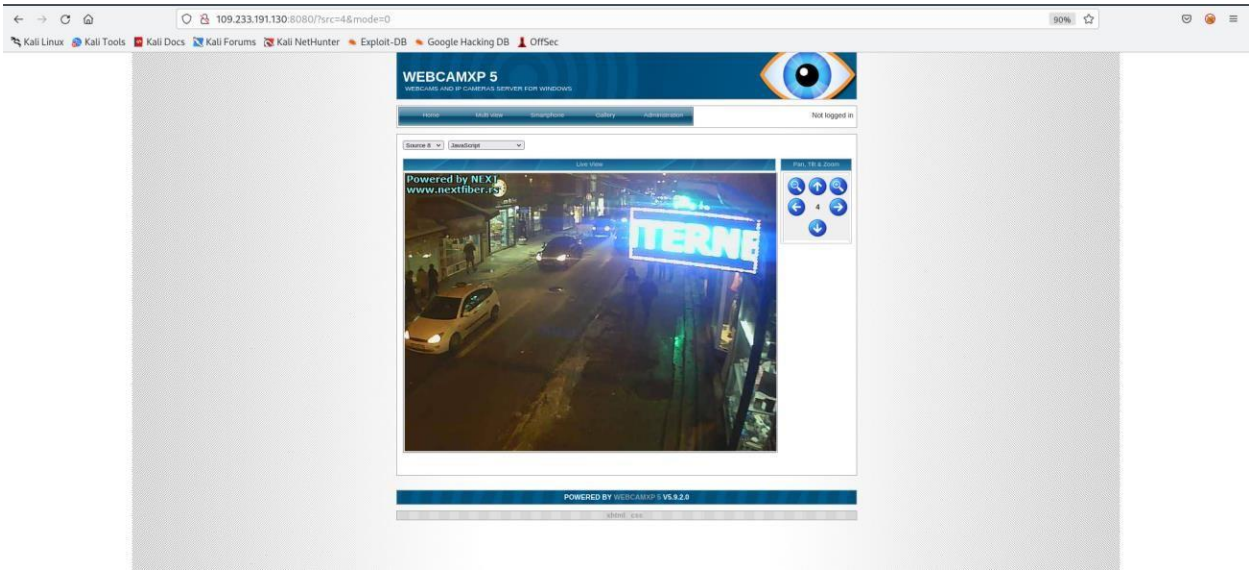
DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

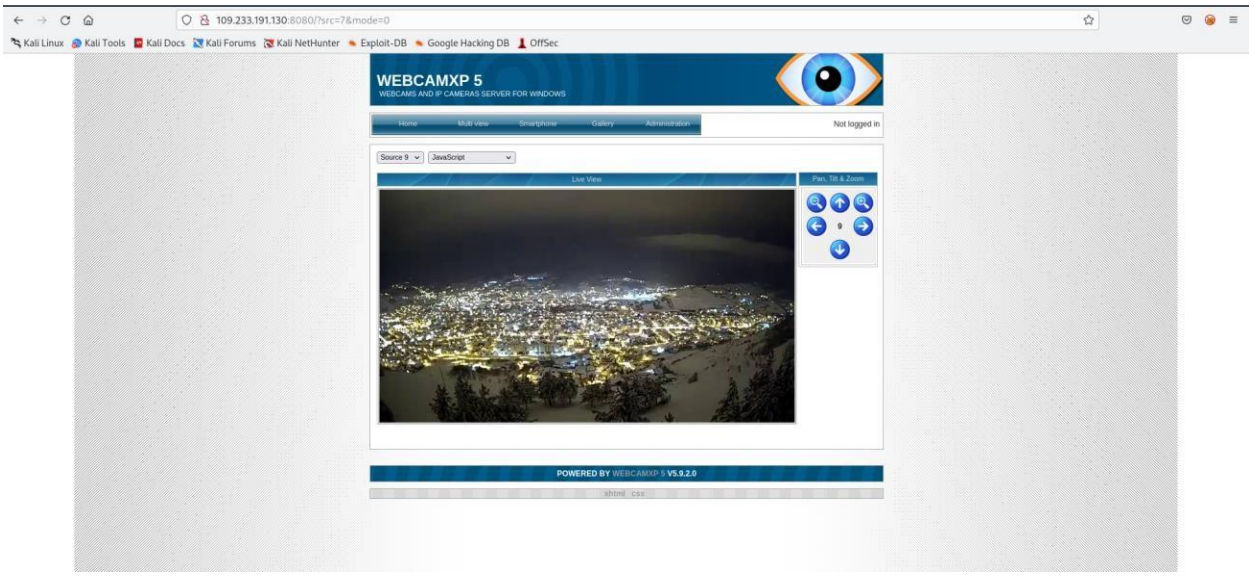


DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Task 2 :- Show some live cameras using Google hacking database.

Solution :-





DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Weekly Report for Internship

Roll No: TACO19108

Name of the Student: Ojus Jaiswal

Name of the Company: T A L A K U N C H I Networks Pvt. Ltd.

Domain of Internship: Cyber Security (Ethical Hacking)

Name of the Internal Guide: Mrs. Nalini Jagtap

Name of the External Guide: Mrs. Poojitha Nandimandalam

Duration of Internship: 2 Months

DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Week - IV

Dates: 31 January, 2022 to 6 February, 2022

Description of work done till date:

In fourth week, we were given project no. 2 i.e., Scanning using OWASP ZAP. In this project we have to use OWASP ZAP tool which automates the process of finding vulnerabilities in website. In this tool we have to just give URL of website and the tool will automatically test for various vulnerabilities. Then it gives us detailed report of tests done and vulnerabilities found.

We were first told to attend sessions from LMS which will cover basics regarding the topic. Then after completion of sessions from LMS, live hands-on lecture was conducted in which the instructor showed us practical implementation of project. Then doubt session was conducted for clearing our doubts and to check if we were facing any problem in project execution.

Student Sign **Internal Guide Sign**

DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00 Dated : 20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation : 3/01/2022**

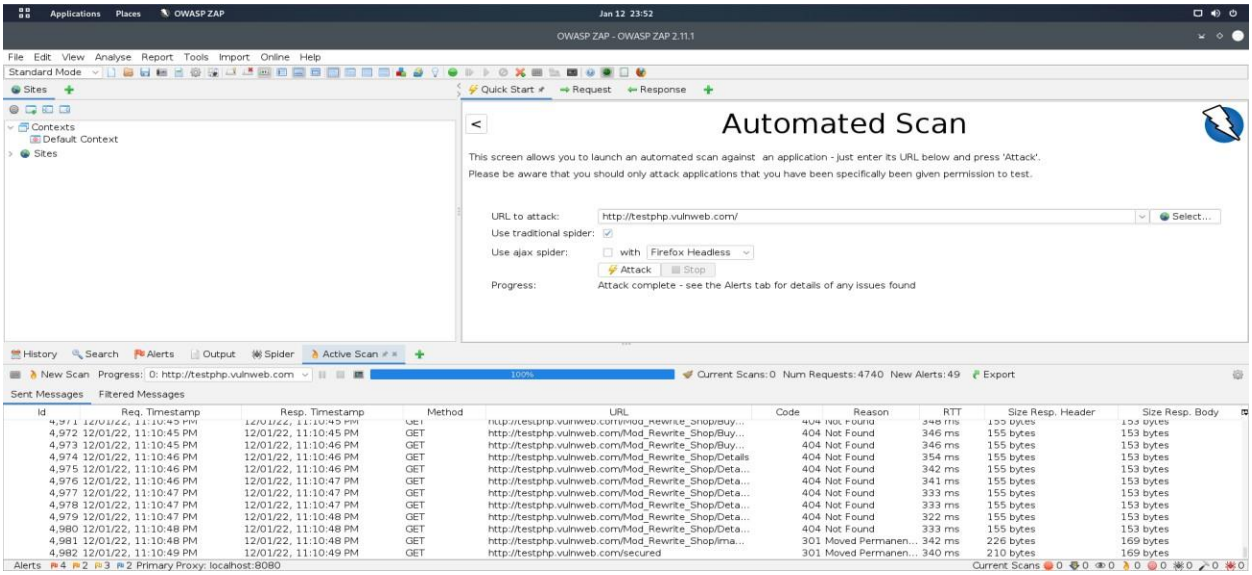
Supporting Documents:

Project 2

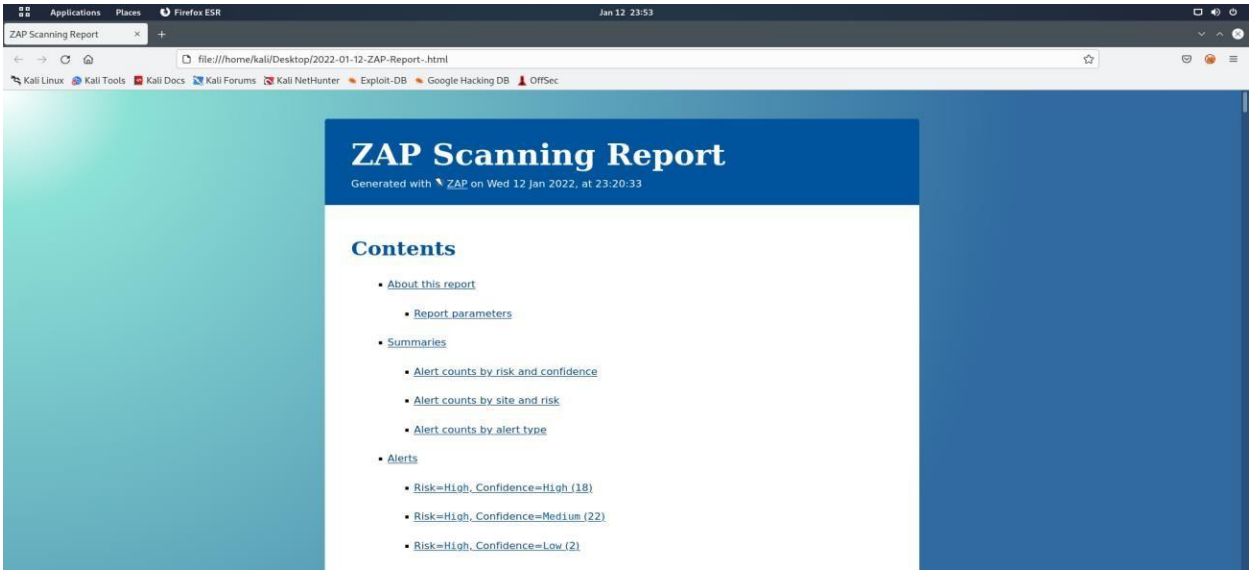
Scanning using OWASP ZAP

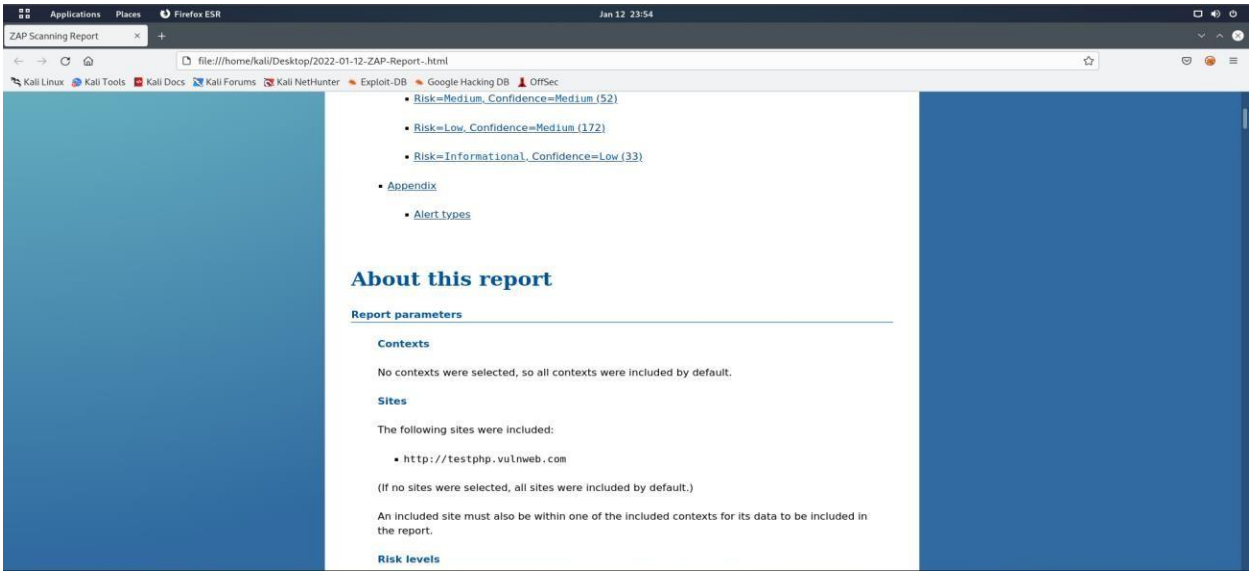
Task 1 :- Take some website (vulnerable website). Scan using OWASP ZAP Tool (quick/automated). Set of vulnerabilities - make a report with mitigations.

Solution :-

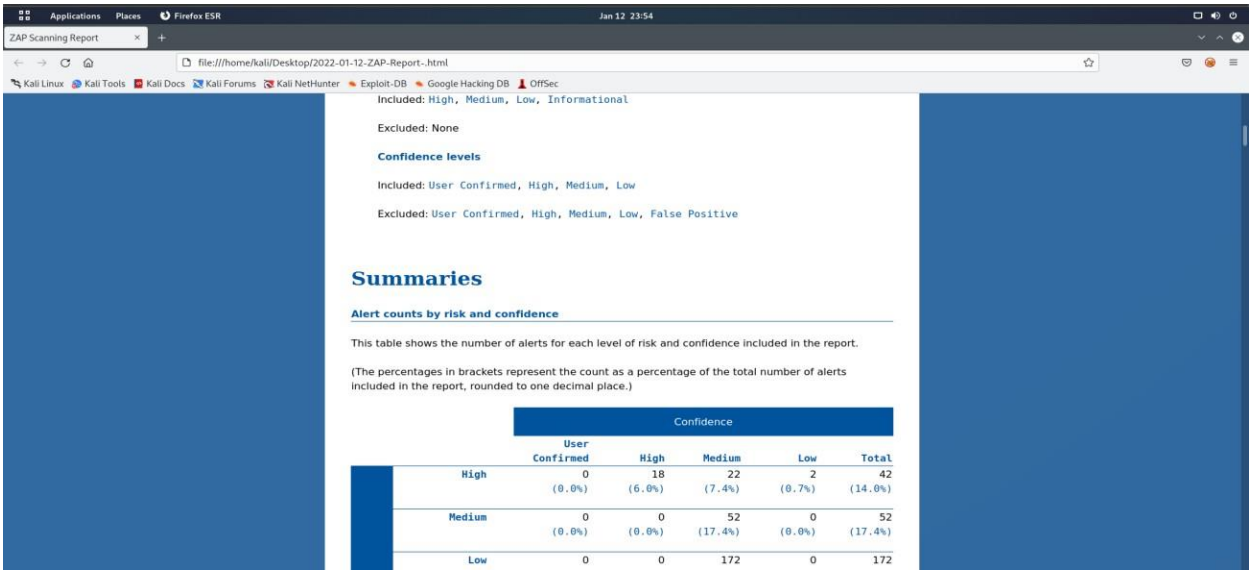


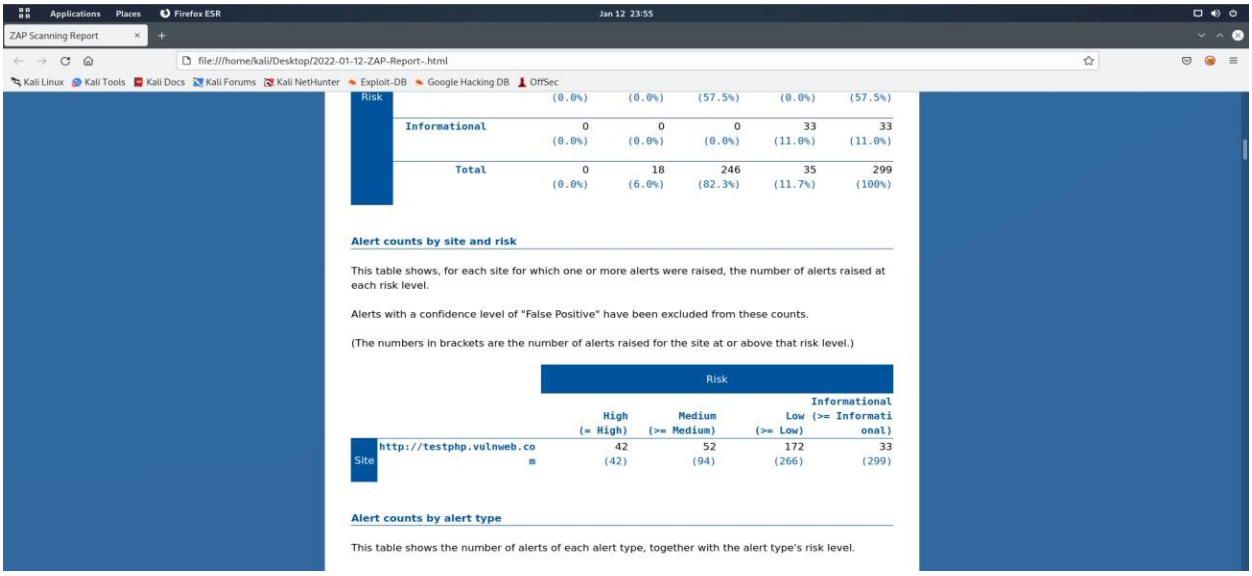
	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



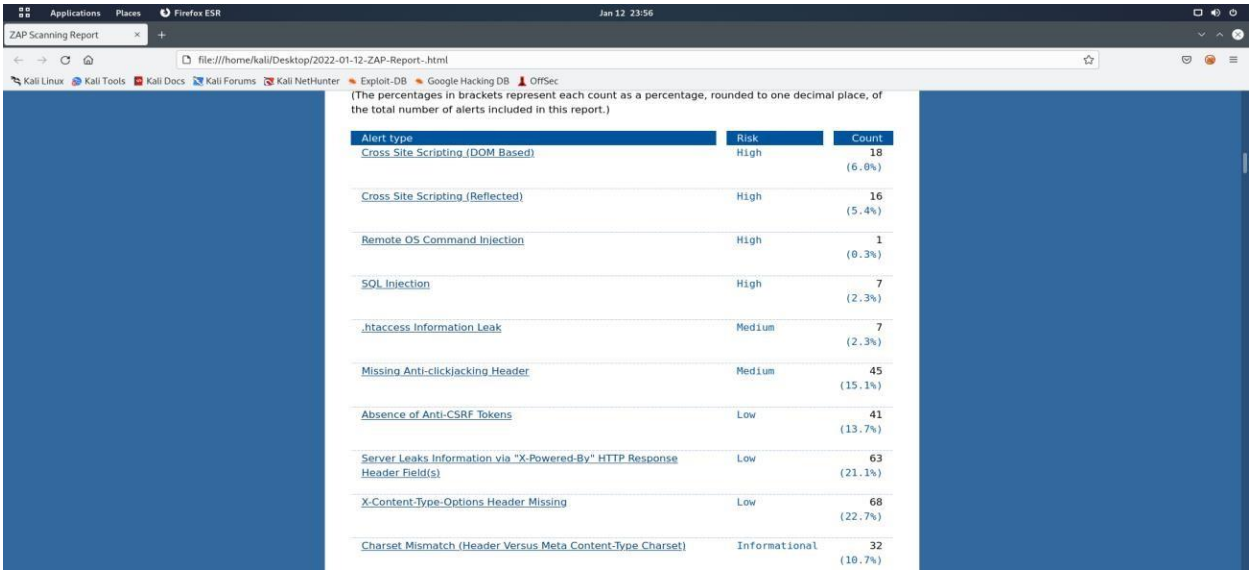


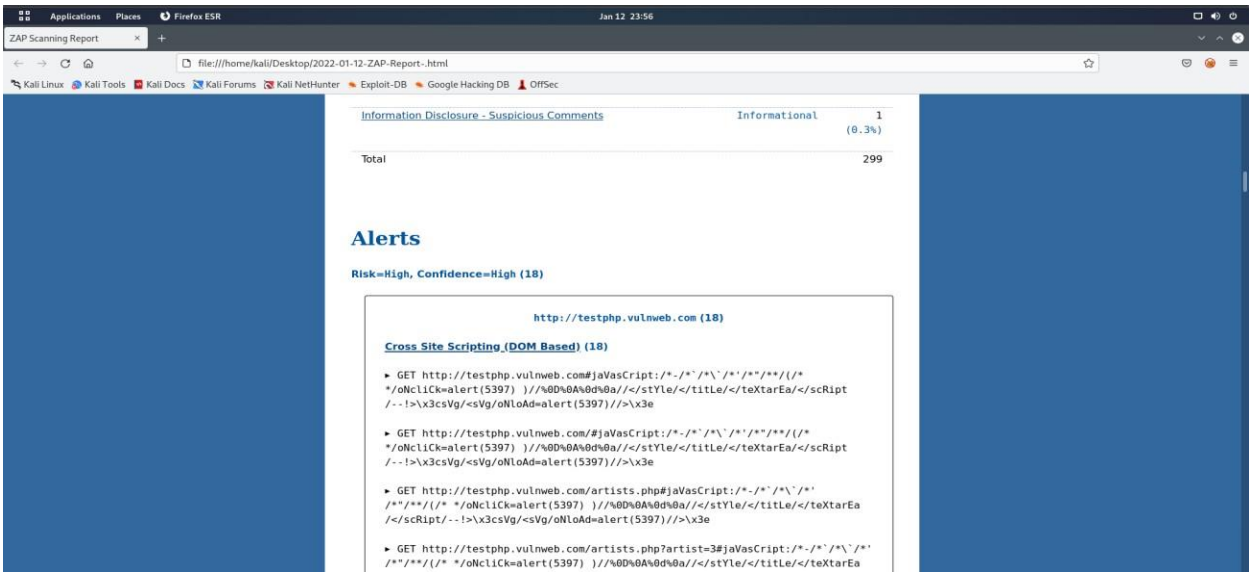
DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



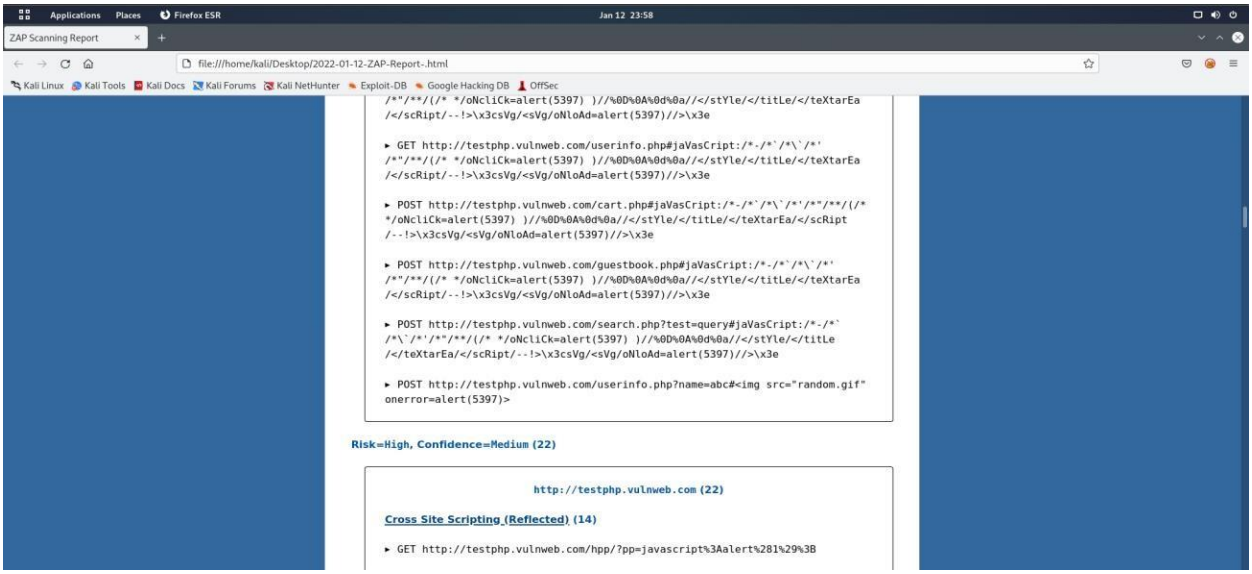


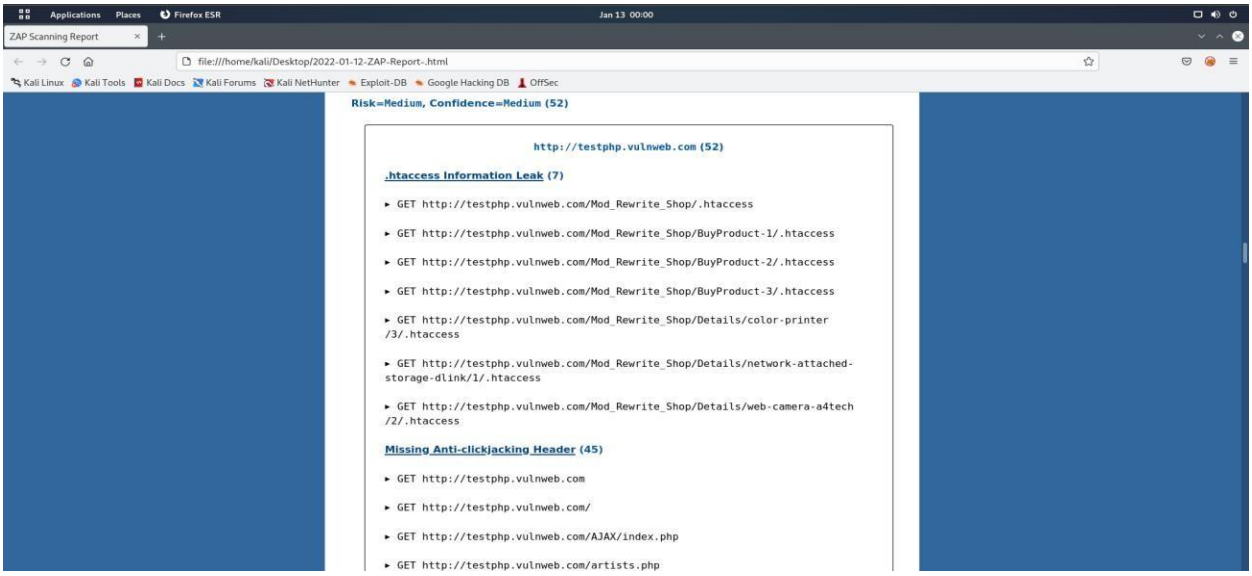
DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



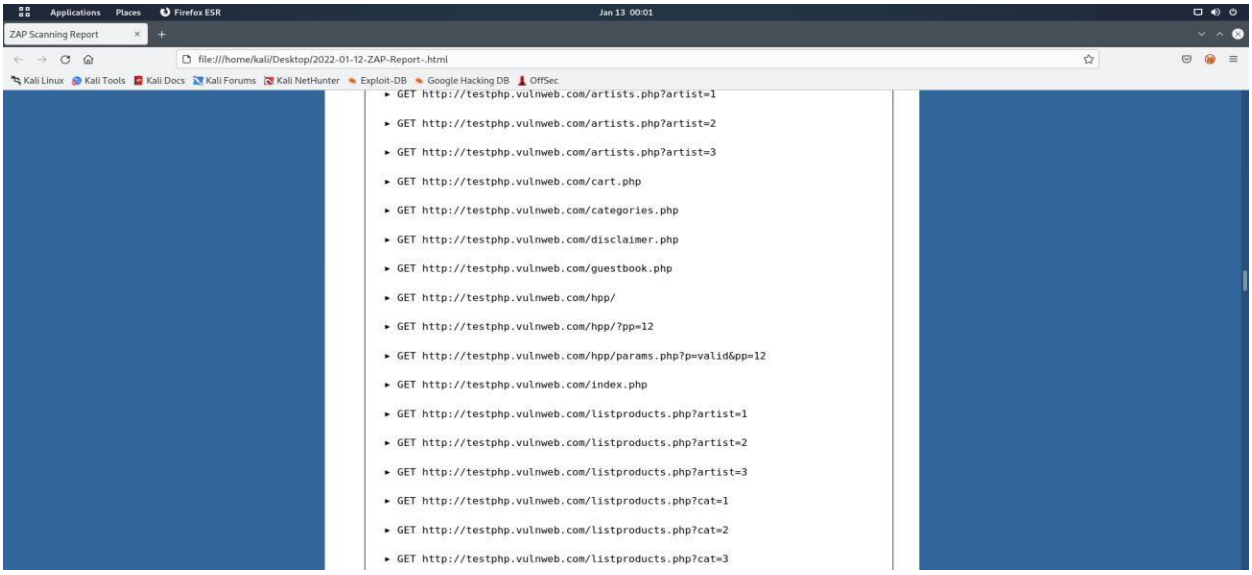


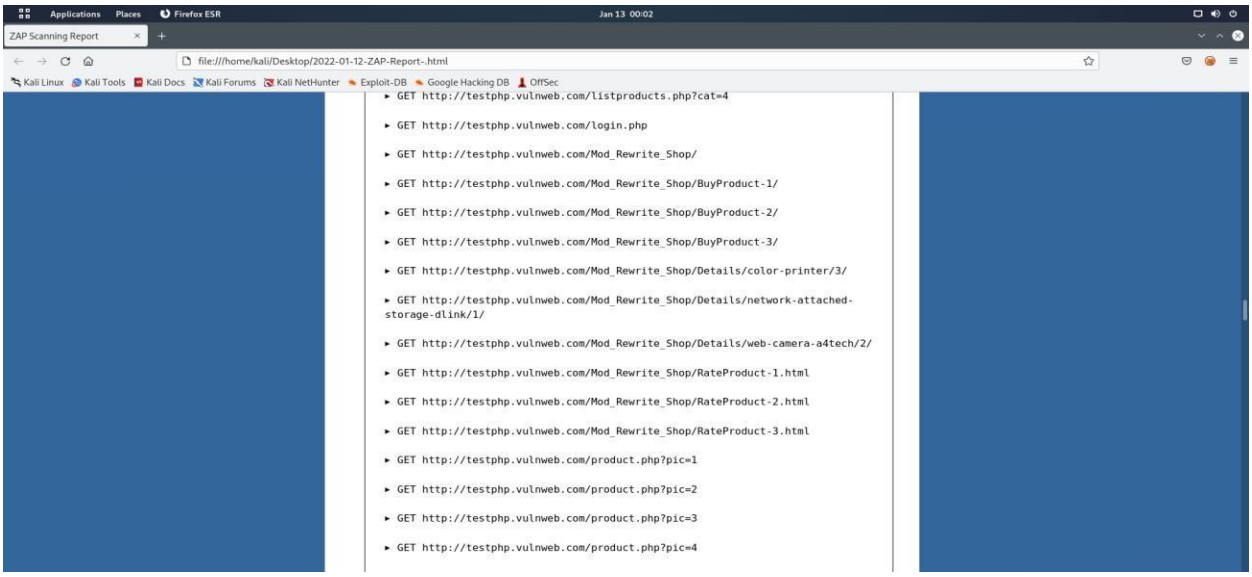
DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



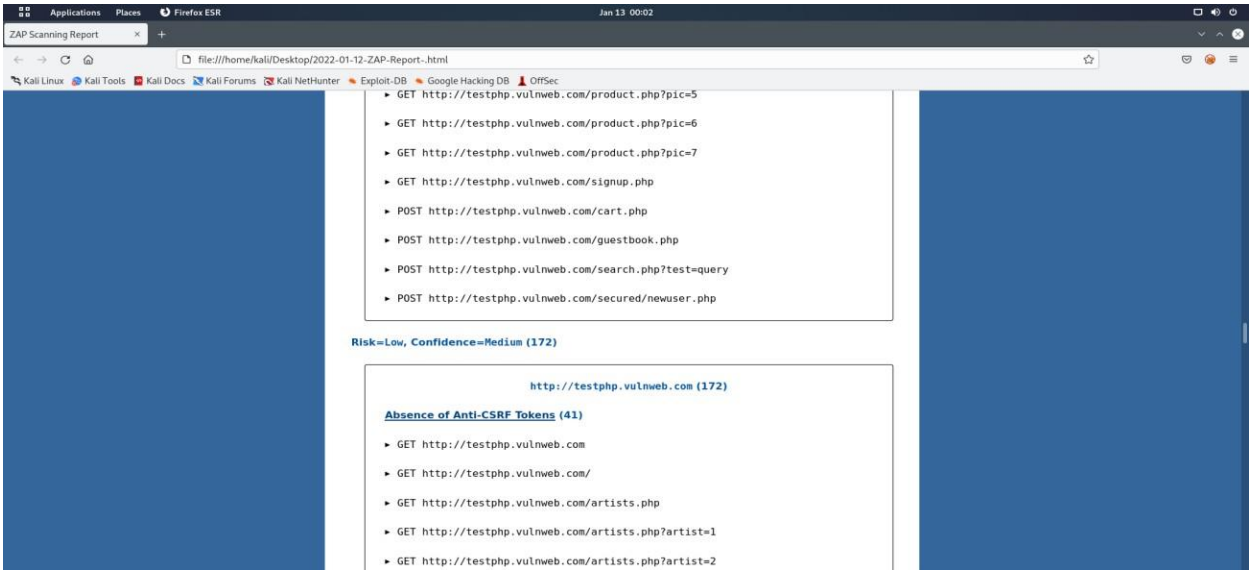


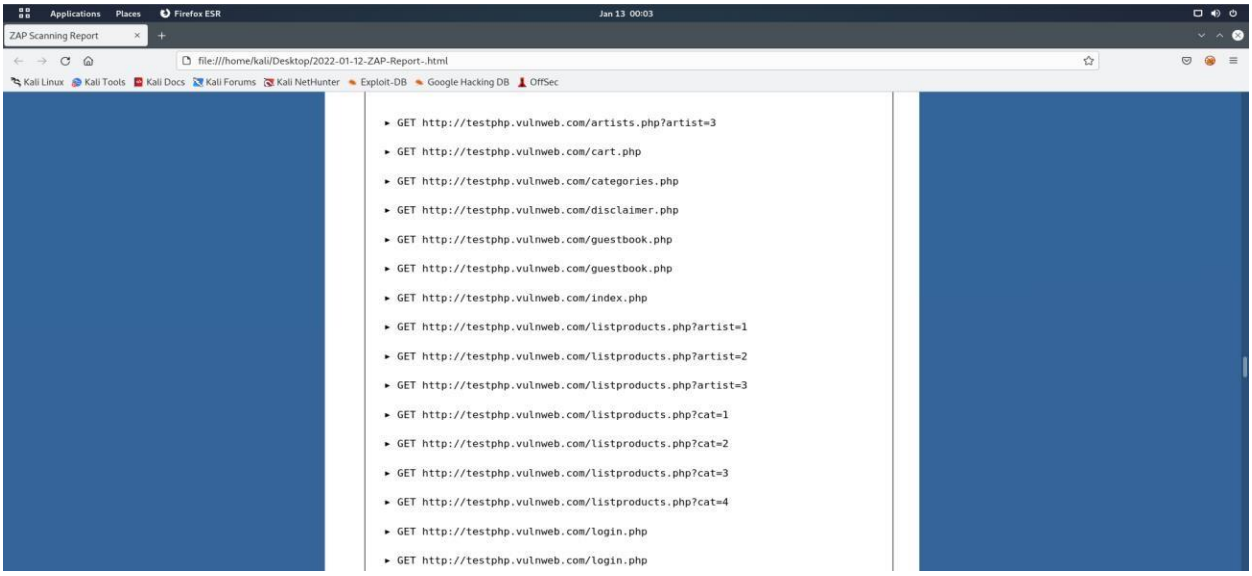
DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



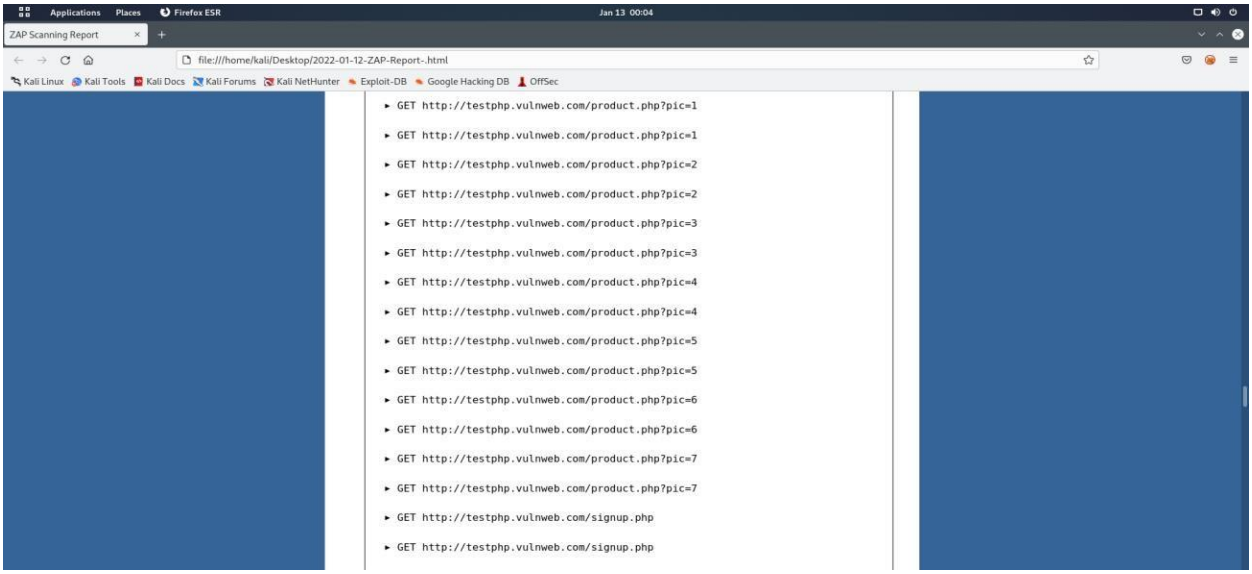


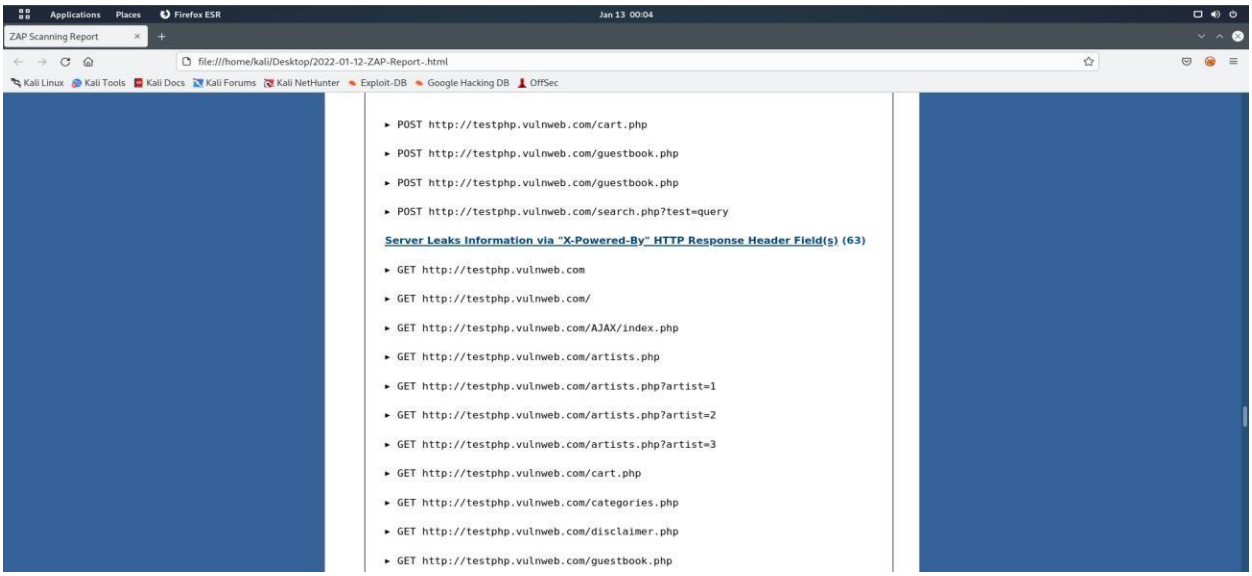
DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



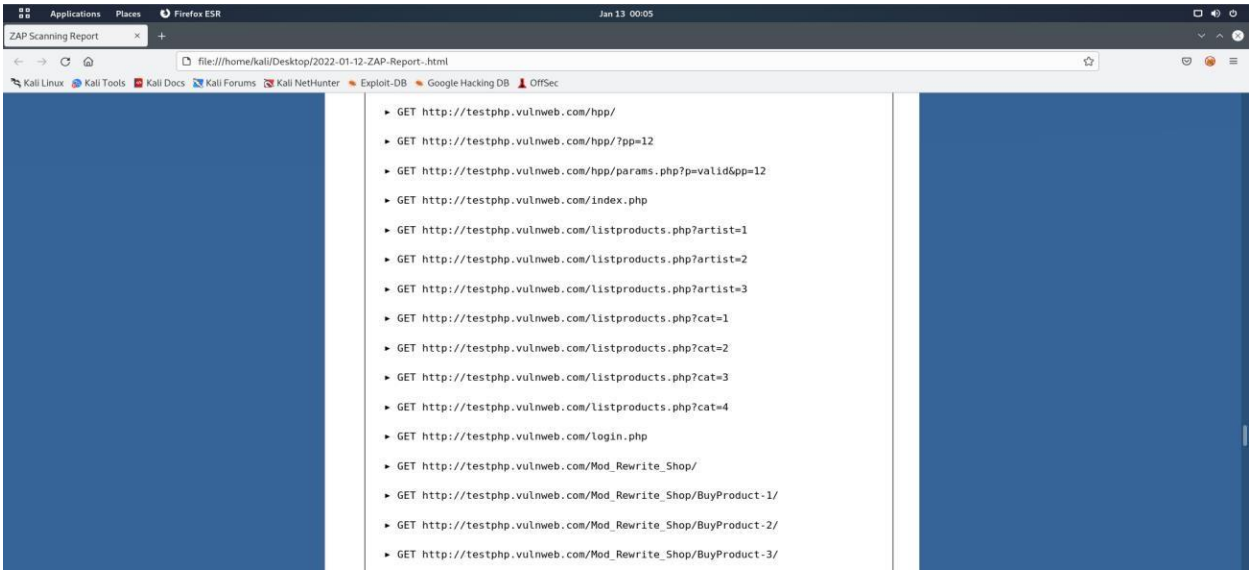


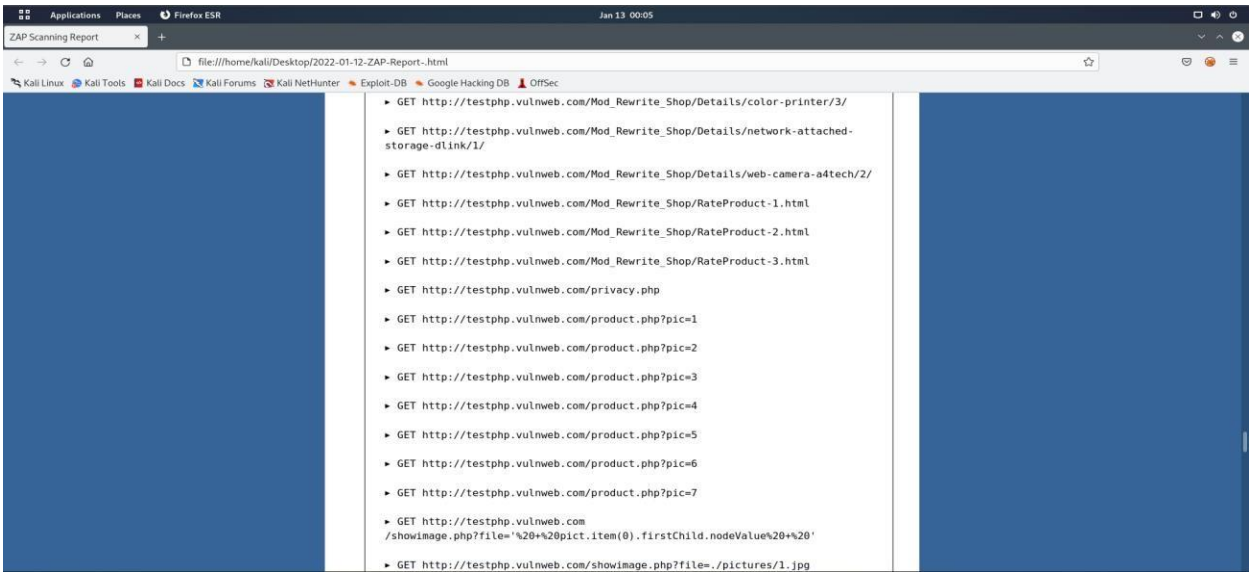
DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



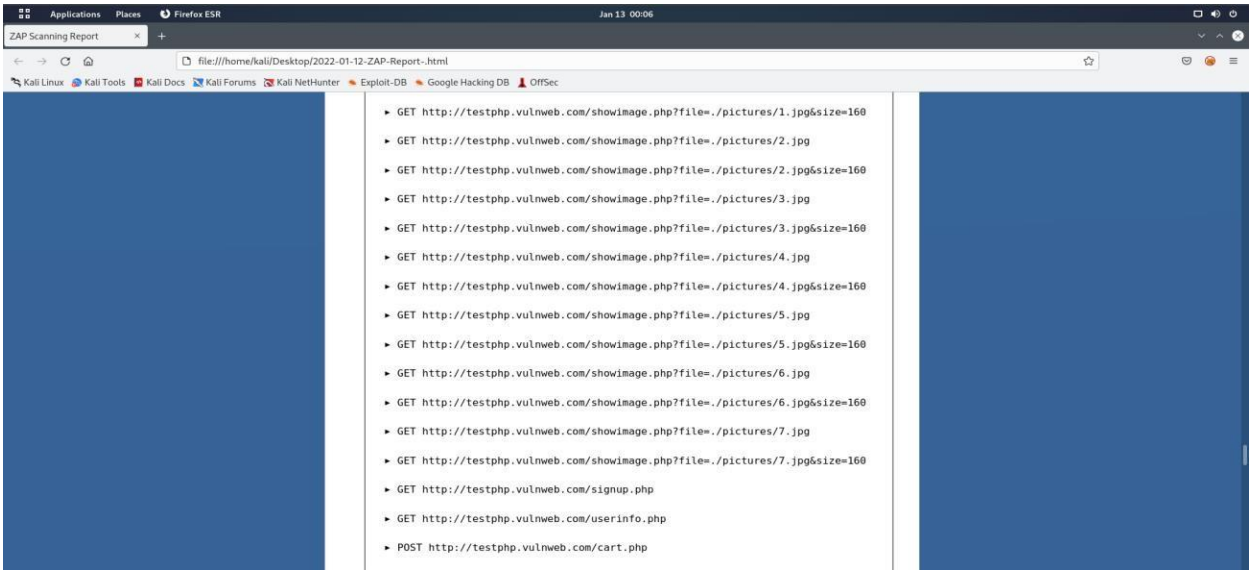


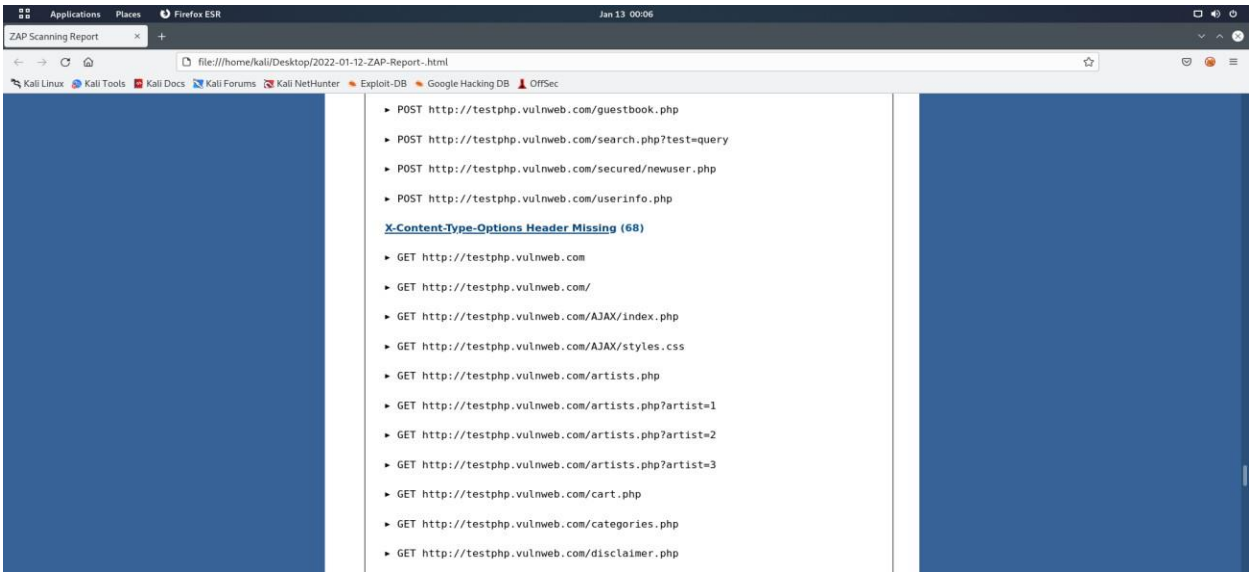
DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



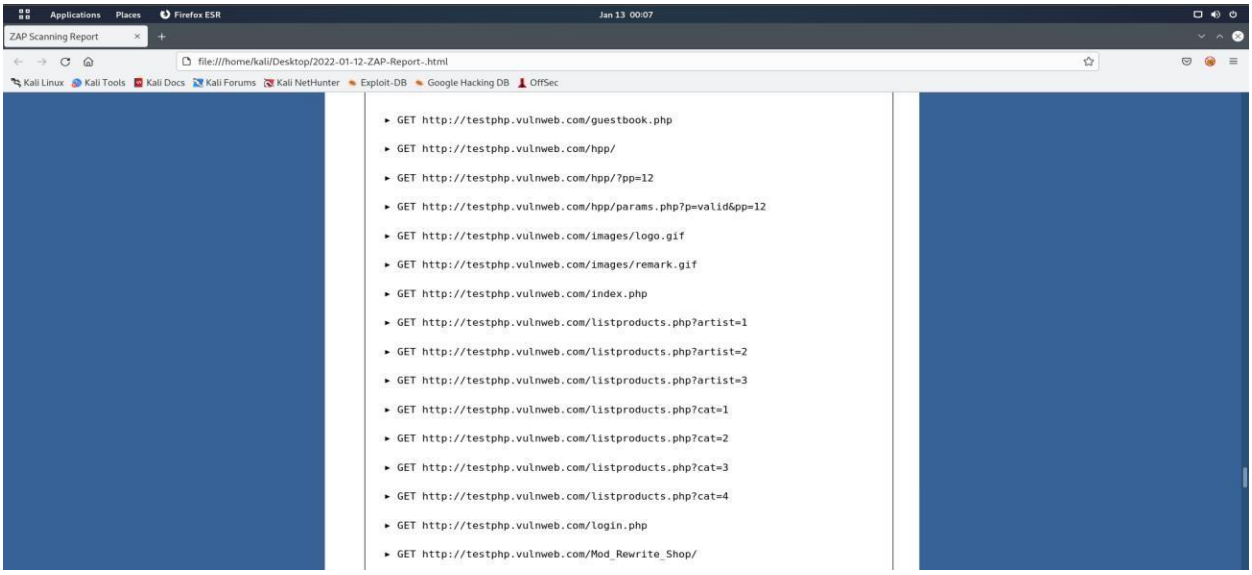


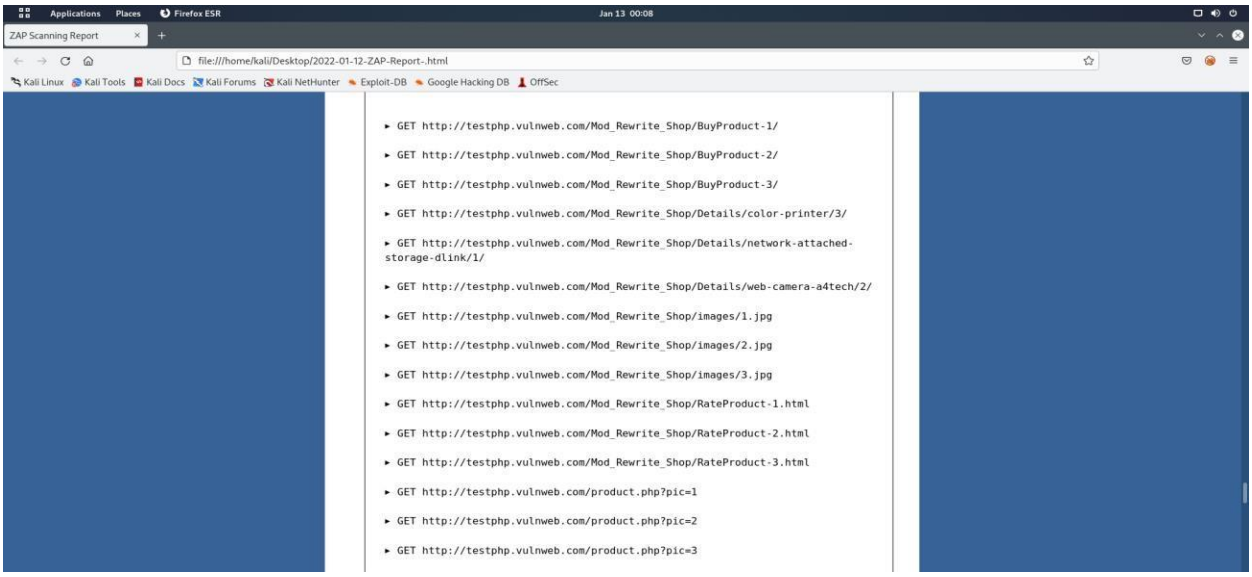
DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



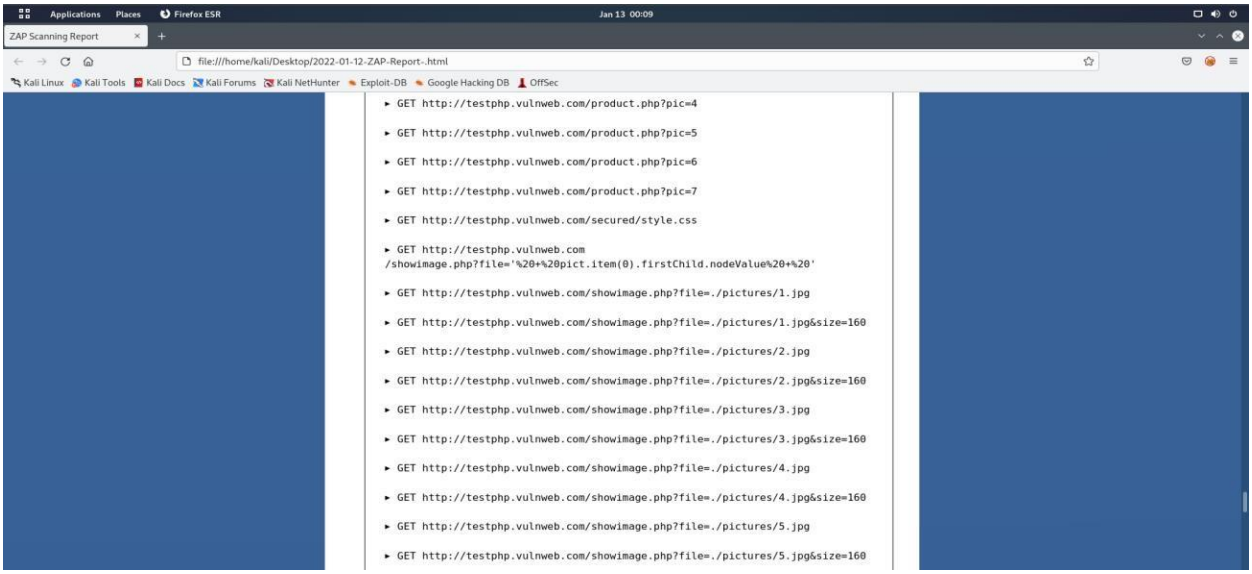


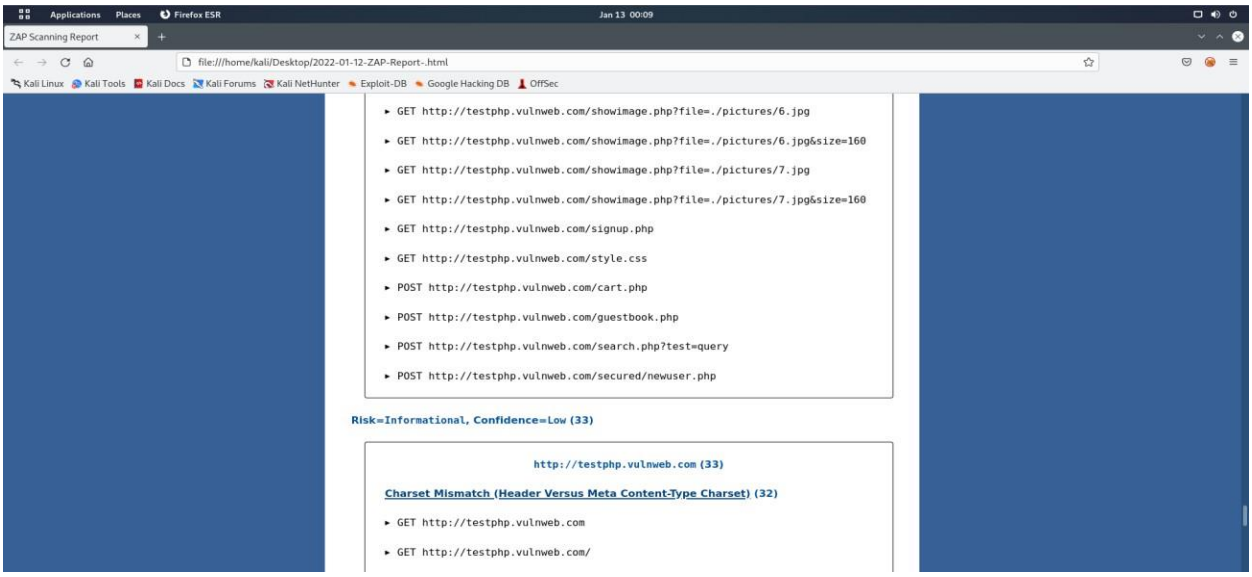
DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



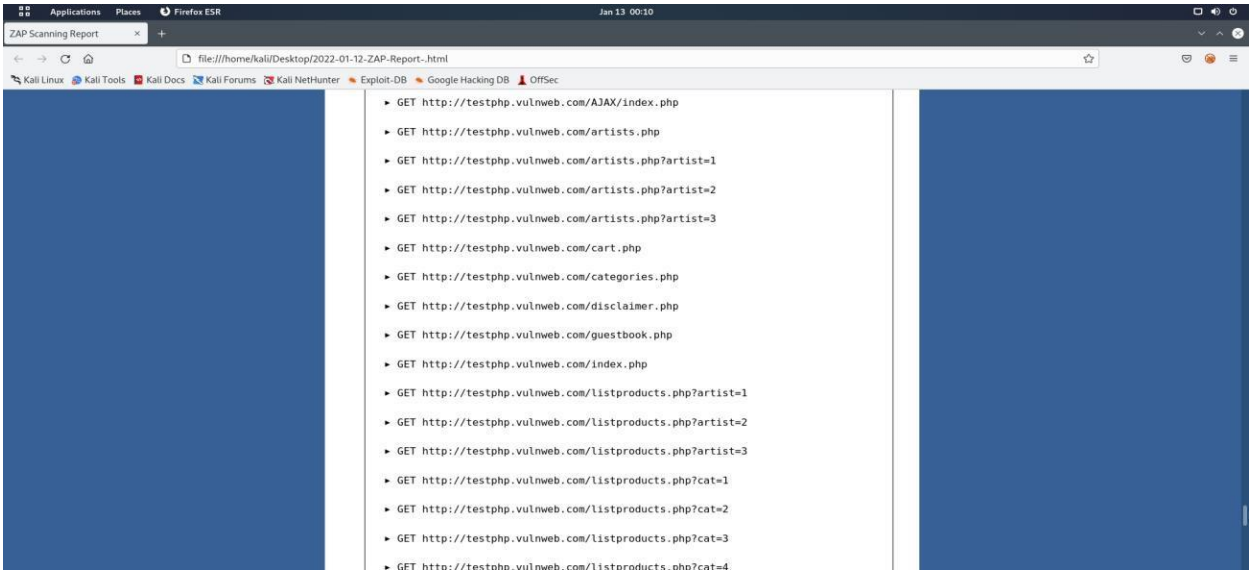


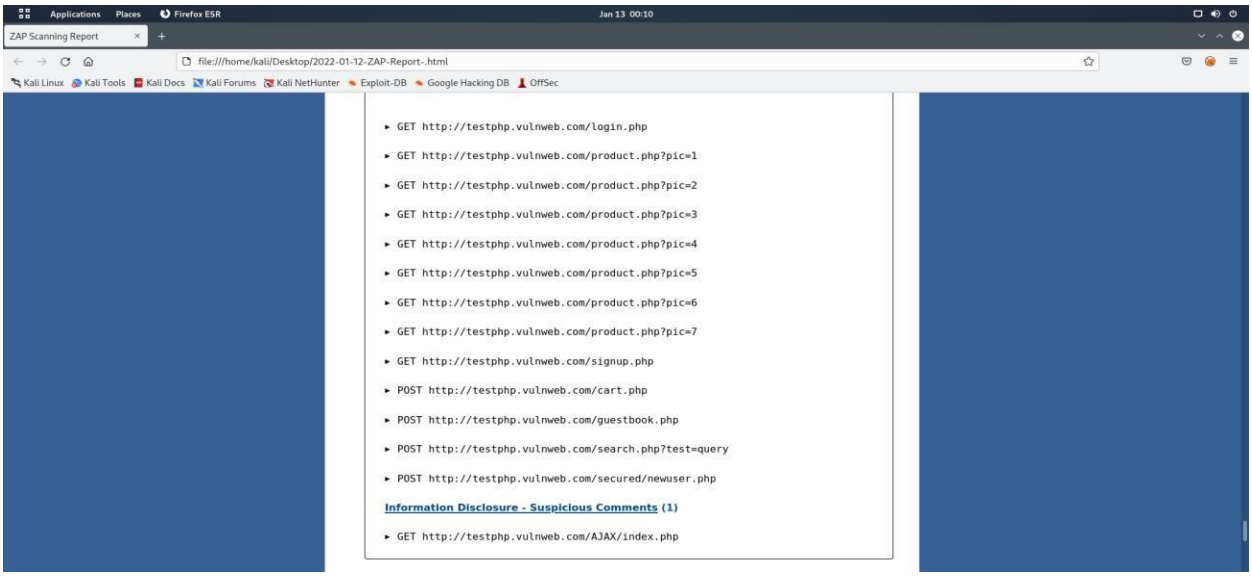
DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



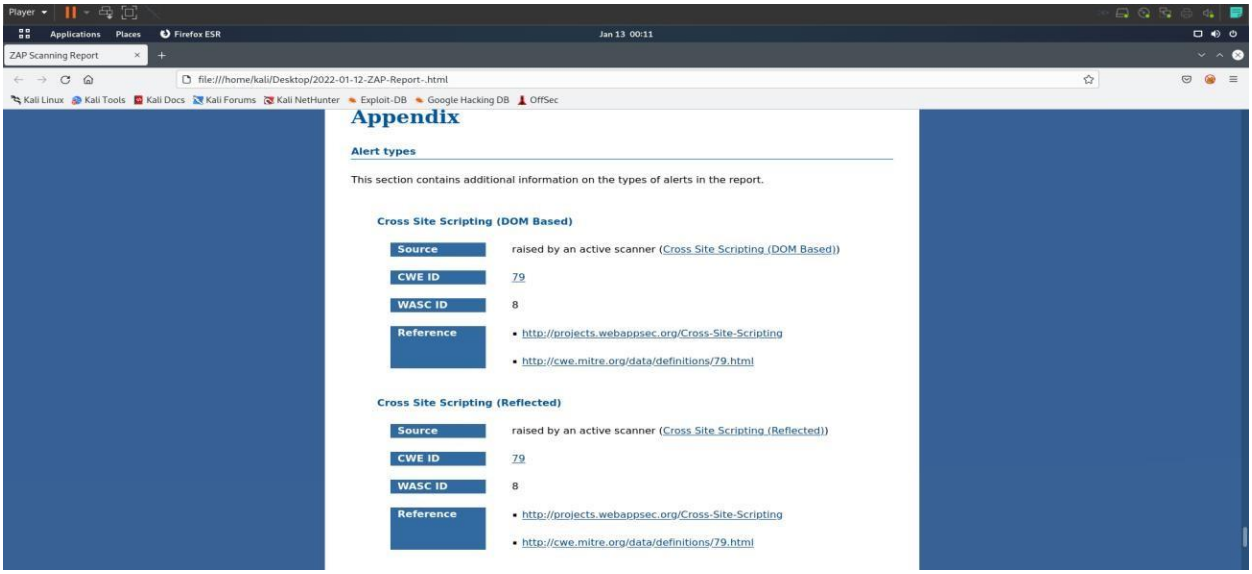


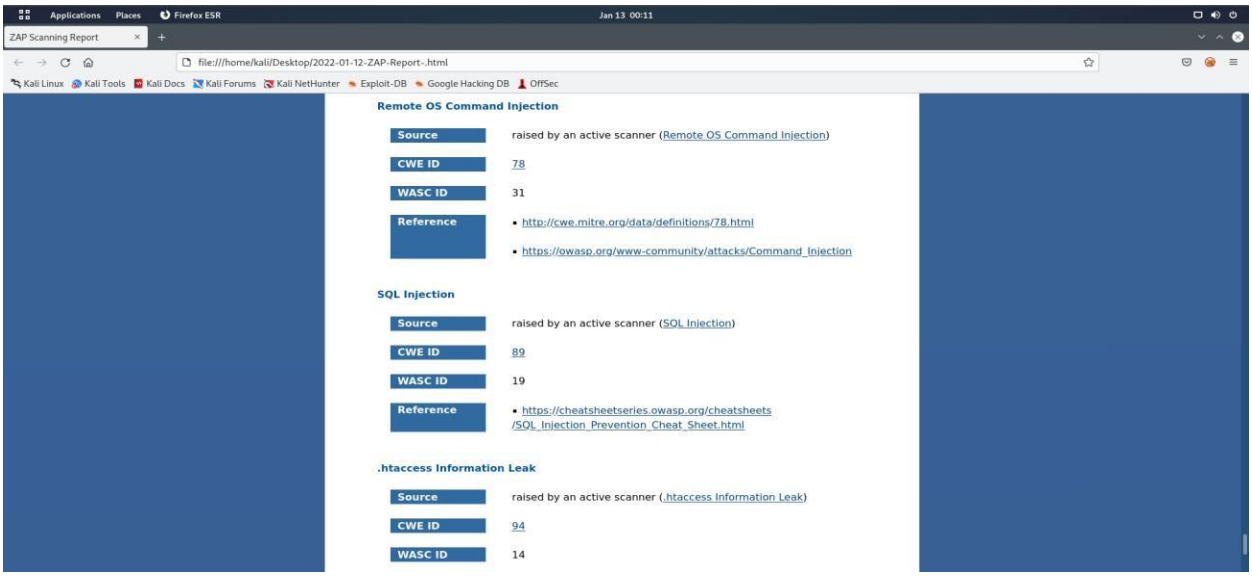
DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



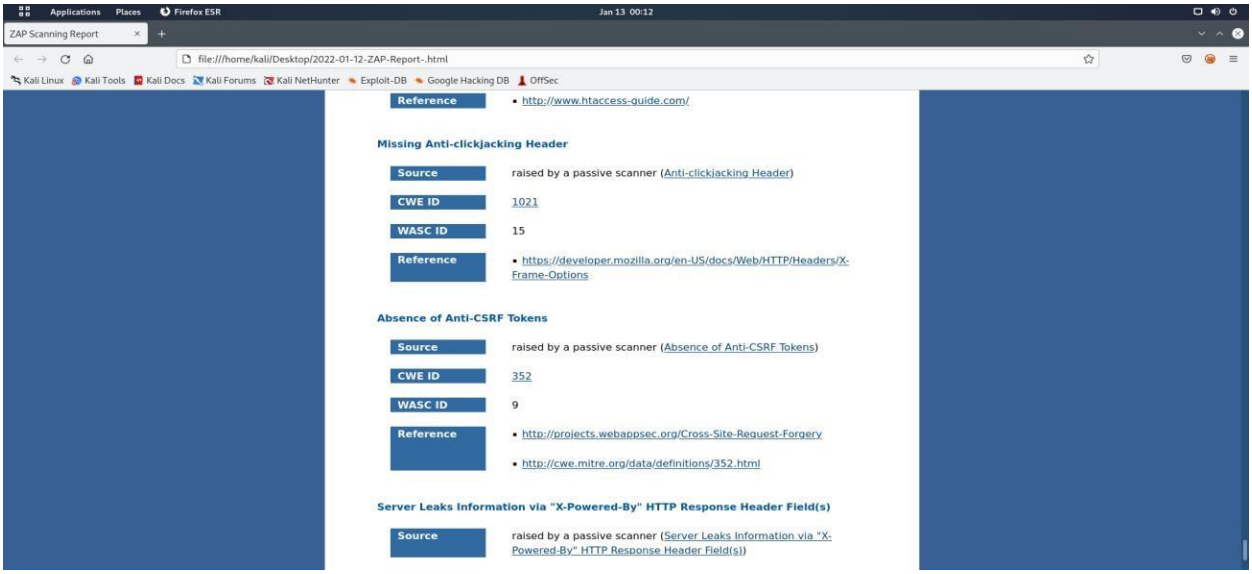


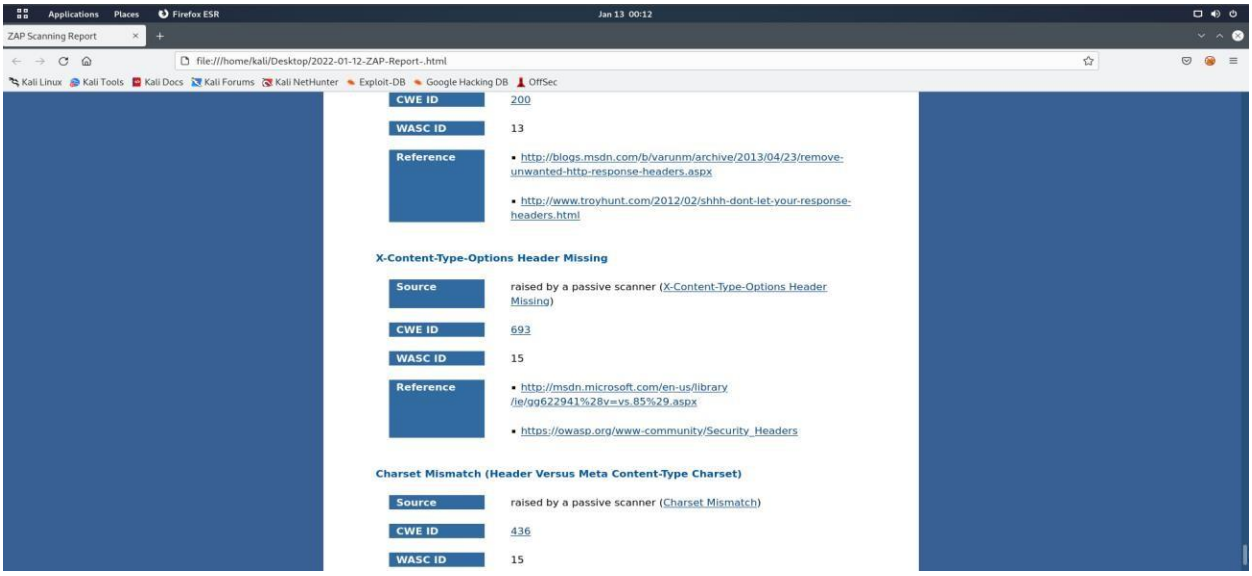
DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



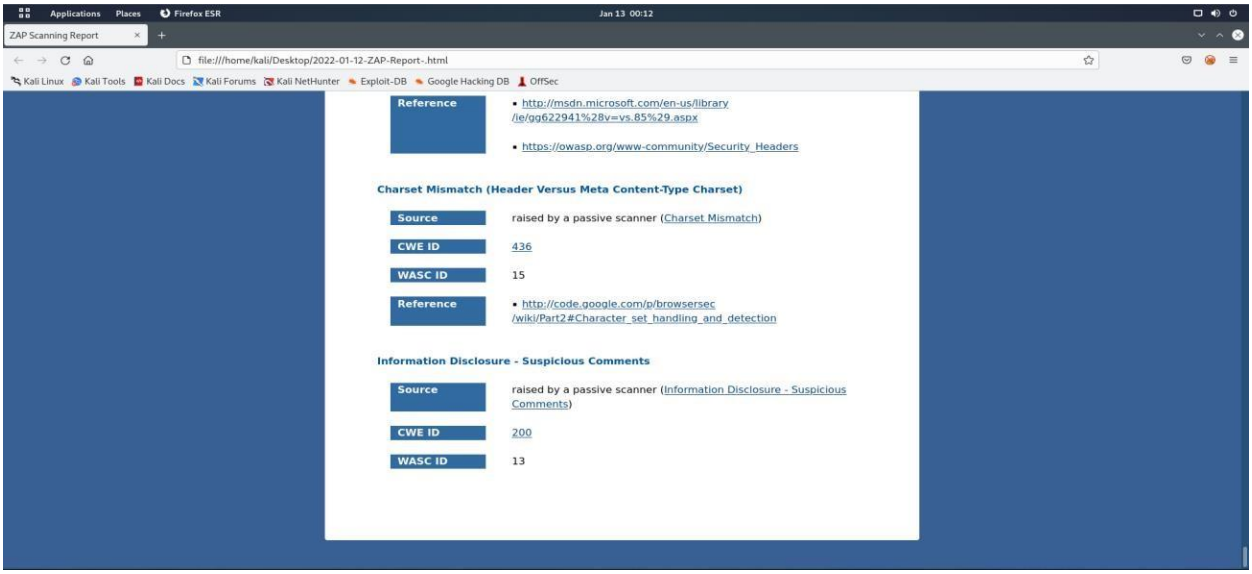


DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**





DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Weekly Report for Internship

Roll No: TACO19108

Name of the Student: Ojus Jaiswal

Name of the Company: T A L A K U N C H I Networks Pvt. Ltd.

Domain of Internship: Cyber Security (Ethical Hacking)

Name of the Internal Guide: Mrs. Nalini Jagtap

Name of the External Guide: Mrs. Poojitha Nandimandalam

Duration of Internship: 2 Months

DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Week - V

Dates: 7 February, 2022 to 13 February, 2022

Description of work done till date:

In fifth week, we were given project no. 3 i.e., Scanning for Open ports and attacking them. In this project we have to use Nmap scanning for checking open ports and Rapid7 for exploiting open ports.

We were first told to attend sessions from LMS which will cover basics regarding the topic. Then after completion of sessions from LMS, live hands-on lecture was conducted in which the instructor showed us practical implementation of project. Then doubt session was conducted for clearing our doubts and to check if we were facing any problem in project execution.

Student Sign **Internal Guide Sign**

DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

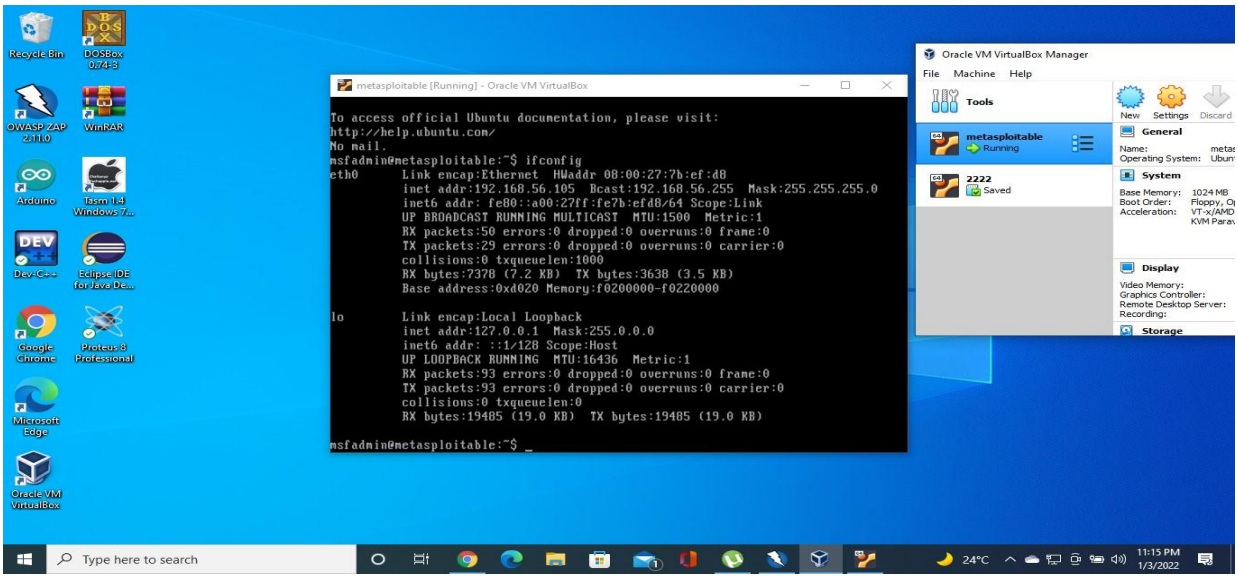
Supporting Documents:

Project 3

Scanning for Open ports and attacking them

Task 1 :- Login to Metasploit and extract IP address**.**

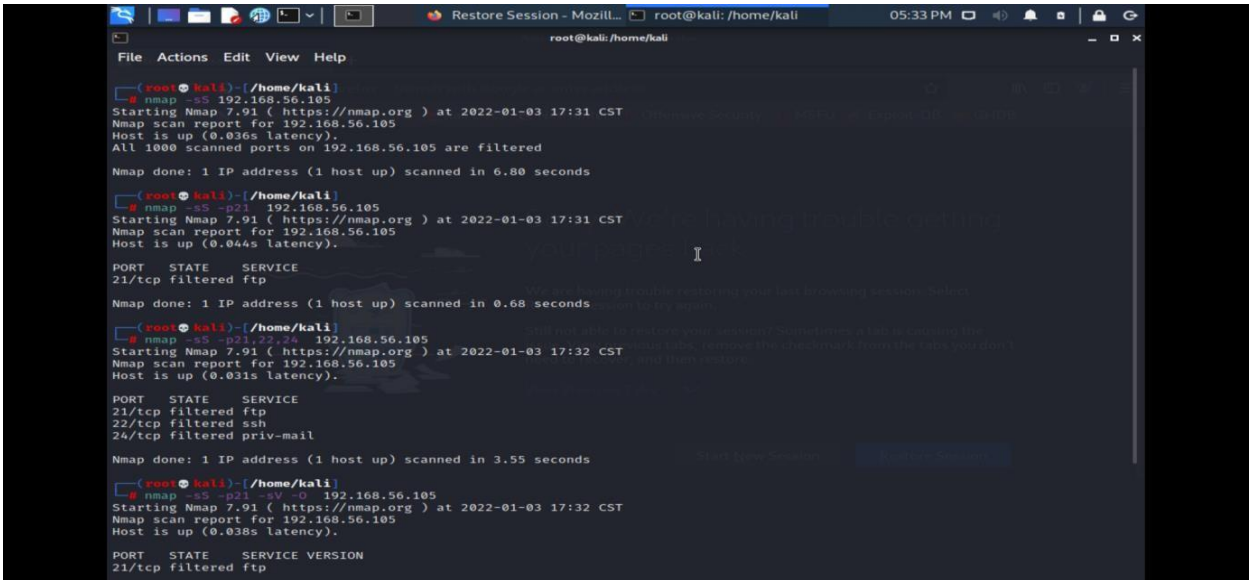
Solution :-

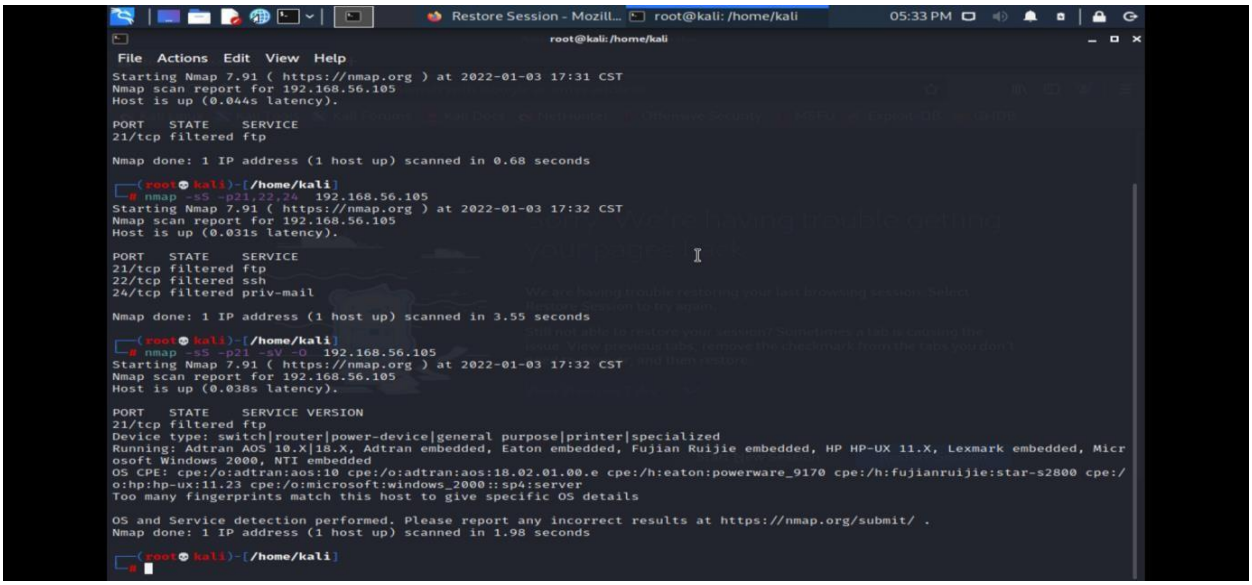


DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

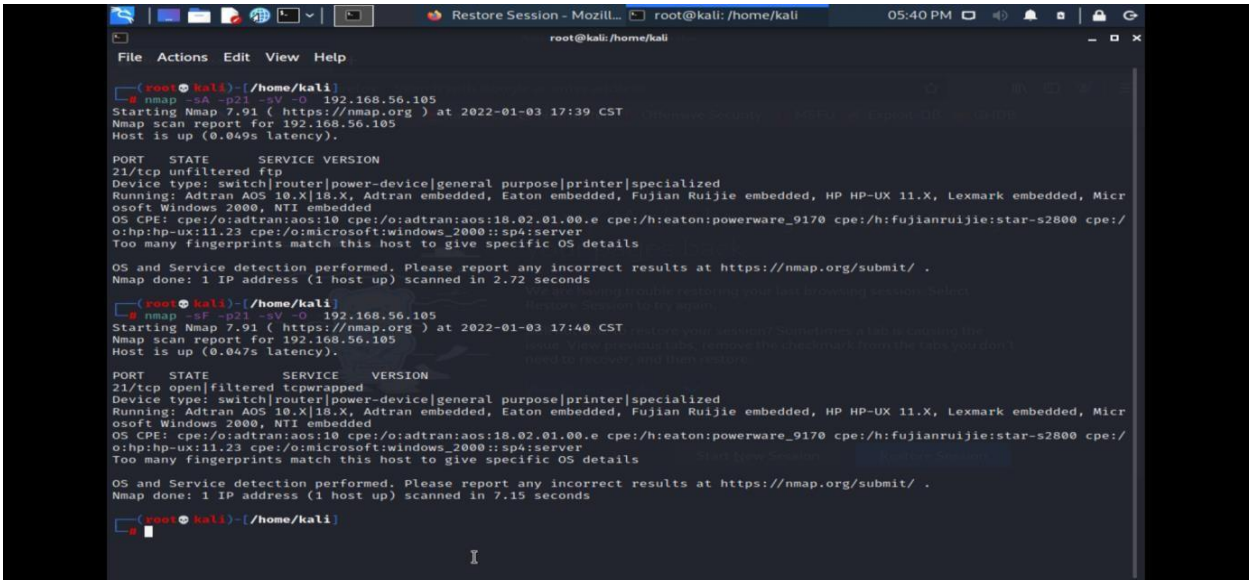
Task 2 :- Do Nmap scanning on the IP, Extract Open port and Version Details.

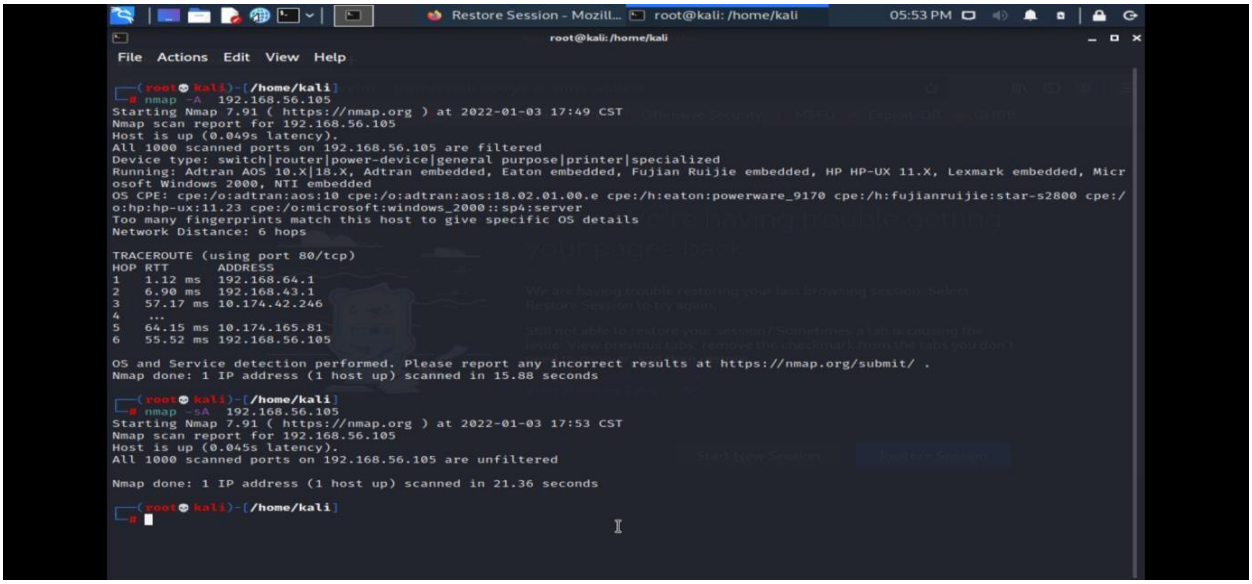
Solution :-





DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**





DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Task 3 :- Check the vulnerable version exploitation's procedure in rapid7 and start exploiting the following ports.

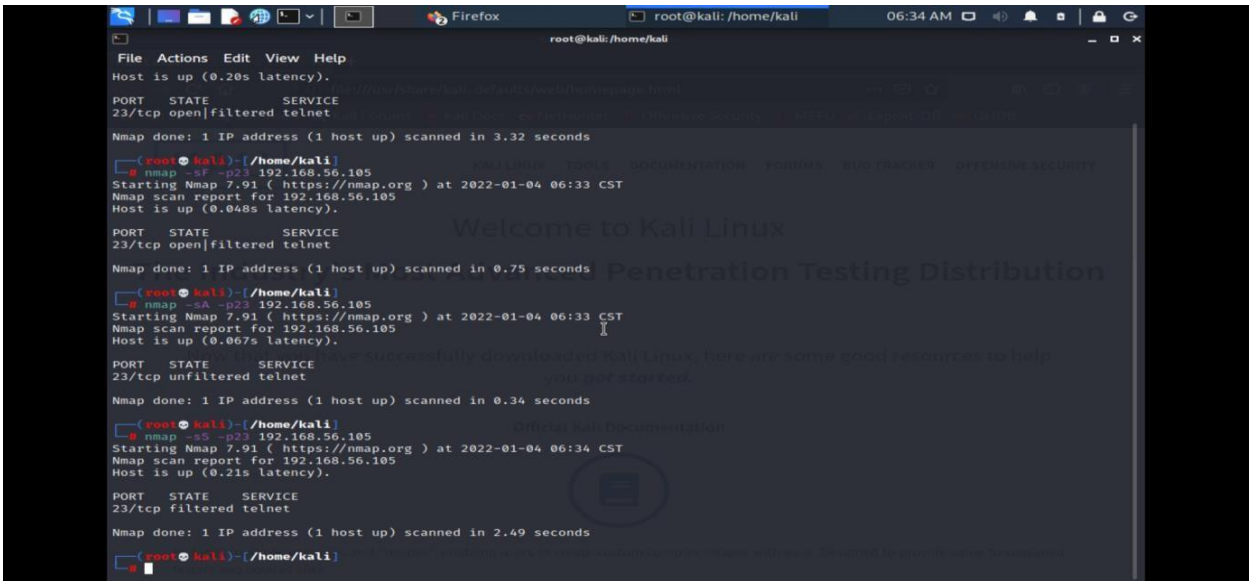
A) Telnet

B) FTP

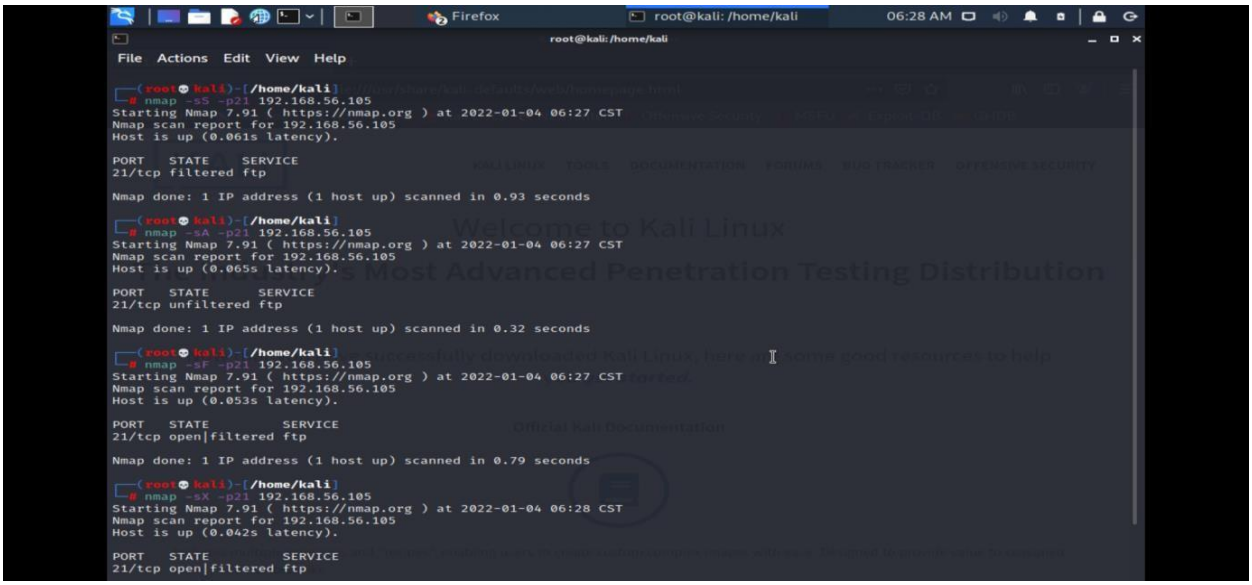
C) SSH

Solution :-

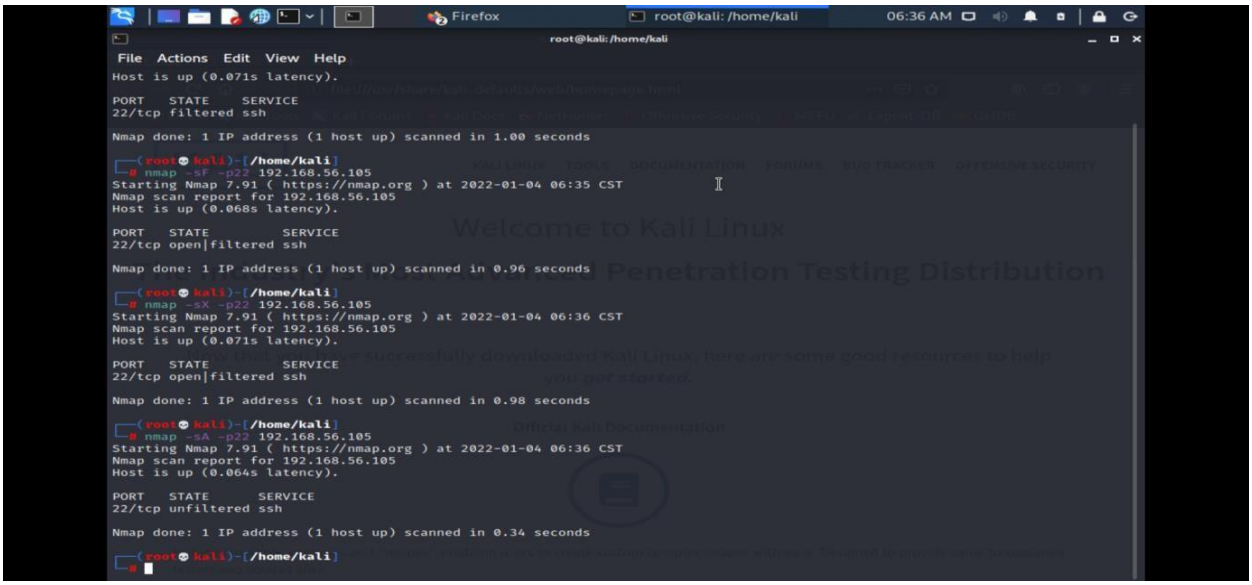
A) Telnet



B) FTP


Firefox
root@kali: /home/kali
06:28 AM
root@kali: /home/kali
File Actions Edit View Help
(root kali)-[/home/kali]
nmap -sS -p21 192.168.56.105
Starting Nmap 7.91 (https://nmap.org) at 2022-01-04 06:27 CST
Nmap scan report for 192.168.56.105
Host is up (0.061s latency).
PORT STATE SERVICE
21/tcp filtered ftp
Nmap done: 1 IP address (1 host up) scanned in 0.93 seconds
(root kali)-[/home/kali]
nmap -sA -p21 192.168.56.105
Starting Nmap 7.91 (https://nmap.org) at 2022-01-04 06:27 CST
Nmap scan report for 192.168.56.105
Host is up (0.065s latency).
PORT STATE SERVICE
21/tcp unfiltered ftp
Nmap done: 1 IP address (1 host up) scanned in 0.32 seconds
(root kali)-[/home/kali]
nmap -sF -p21 192.168.56.105
Starting Nmap 7.91 (https://nmap.org) at 2022-01-04 06:27 CST
Nmap scan report for 192.168.56.105
Host is up (0.053s latency).
PORT STATE SERVICE
21/tcp open|filtered ftp
Nmap done: 1 IP address (1 host up) scanned in 0.79 seconds
(root kali)-[/home/kali]
nmap -sX -p21 192.168.56.105
Starting Nmap 7.91 (https://nmap.org) at 2022-01-04 06:28 CST
Nmap scan report for 192.168.56.105
Host is up (0.042s latency).
PORT STATE SERVICE
21/tcp open|filtered ftp

C) SSH


Firefox
root@kali: /home/kali
06:36 AM
root@kali: /home/kali
File Actions Edit View Help
Host is up (0.071s latency).
PORT STATE SERVICE
22/tcp filtered ssh
Nmap done: 1 IP address (1 host up) scanned in 1.00 seconds
(root kali)-[/home/kali]
nmap -sF -p22 192.168.56.105
Starting Nmap 7.91 (https://nmap.org) at 2022-01-04 06:35 CST
Nmap scan report for 192.168.56.105
Host is up (0.068s latency).
PORT STATE SERVICE
22/tcp open|filtered ssh
Nmap done: 1 IP address (1 host up) scanned in 0.96 seconds
(root kali)-[/home/kali]
nmap -sX -p22 192.168.56.105
Starting Nmap 7.91 (https://nmap.org) at 2022-01-04 06:36 CST
Nmap scan report for 192.168.56.105
Host is up (0.071s latency).
PORT STATE SERVICE
22/tcp open|filtered ssh
Nmap done: 1 IP address (1 host up) scanned in 0.98 seconds
(root kali)-[/home/kali]
nmap -sA -p22 192.168.56.105
Starting Nmap 7.91 (https://nmap.org) at 2022-01-04 06:36 CST
Nmap scan report for 192.168.56.105
Host is up (0.064s latency).
PORT STATE SERVICE
22/tcp unfiltered ssh
Nmap done: 1 IP address (1 host up) scanned in 0.34 seconds
(root kali)-[/home/kali]
#

DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Weekly Report for Internship

Roll No: TACO19108

Name of the Student: Ojus Jaiswal

Name of the Company: T A L A K U N C H I Networks Pvt. Ltd.

Domain of Internship: Cyber Security (Ethical Hacking)

Name of the Internal Guide: Mrs. Nalini Jagtap

Name of the External Guide: Mrs. Poojitha Nandimandalam

Duration of Internship: 2 Months

DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Week - VI

Dates: 14 February, 2022 to 20 February, 2022

Description of work done till date:

In sixth week, we were given project no. 4 i.e., System Hacking. In this project we have to use tools like Hydra, Auxiliary Module, NSE Scripts, John the Ripper and Crunch. These tools can be used for brute forcing activities which will give us access to system. Once we gain access, we can use data present in system for our own benefits. That's why testing system is important as these vulnerabilities might be present and can be exploited.

We were first told to attend sessions from LMS which will cover basics regarding the topic. Then after completion of sessions from LMS, live hands-on lecture was conducted in which the instructor showed us practical implementation of project. Then doubt session was conducted for clearing our doubts and to check if we were facing any problem in project execution.

Student Sign **Internal Guide Sign**

	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

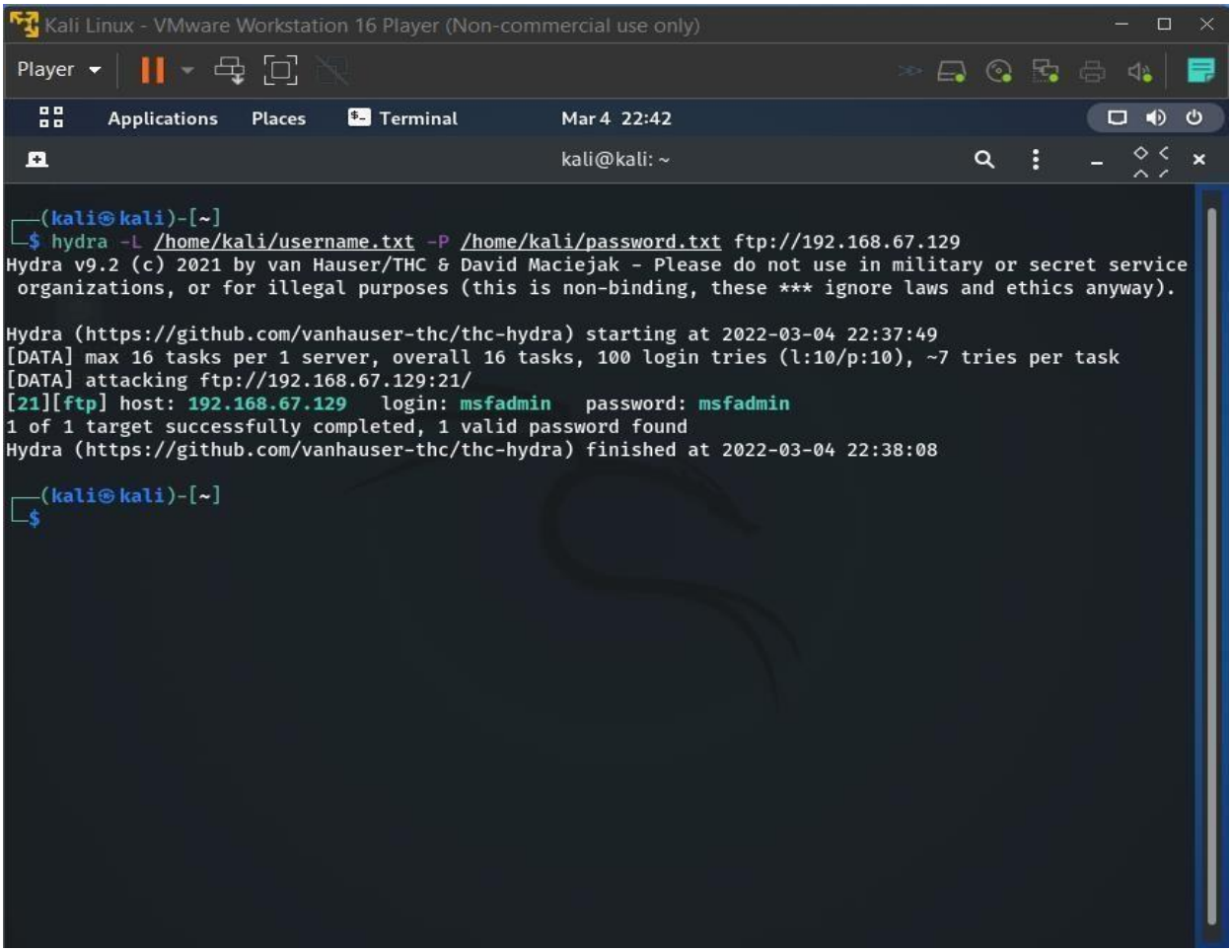
Supporting Documents:

Internship Project 1

System Hacking

Task 1 :- Hydra

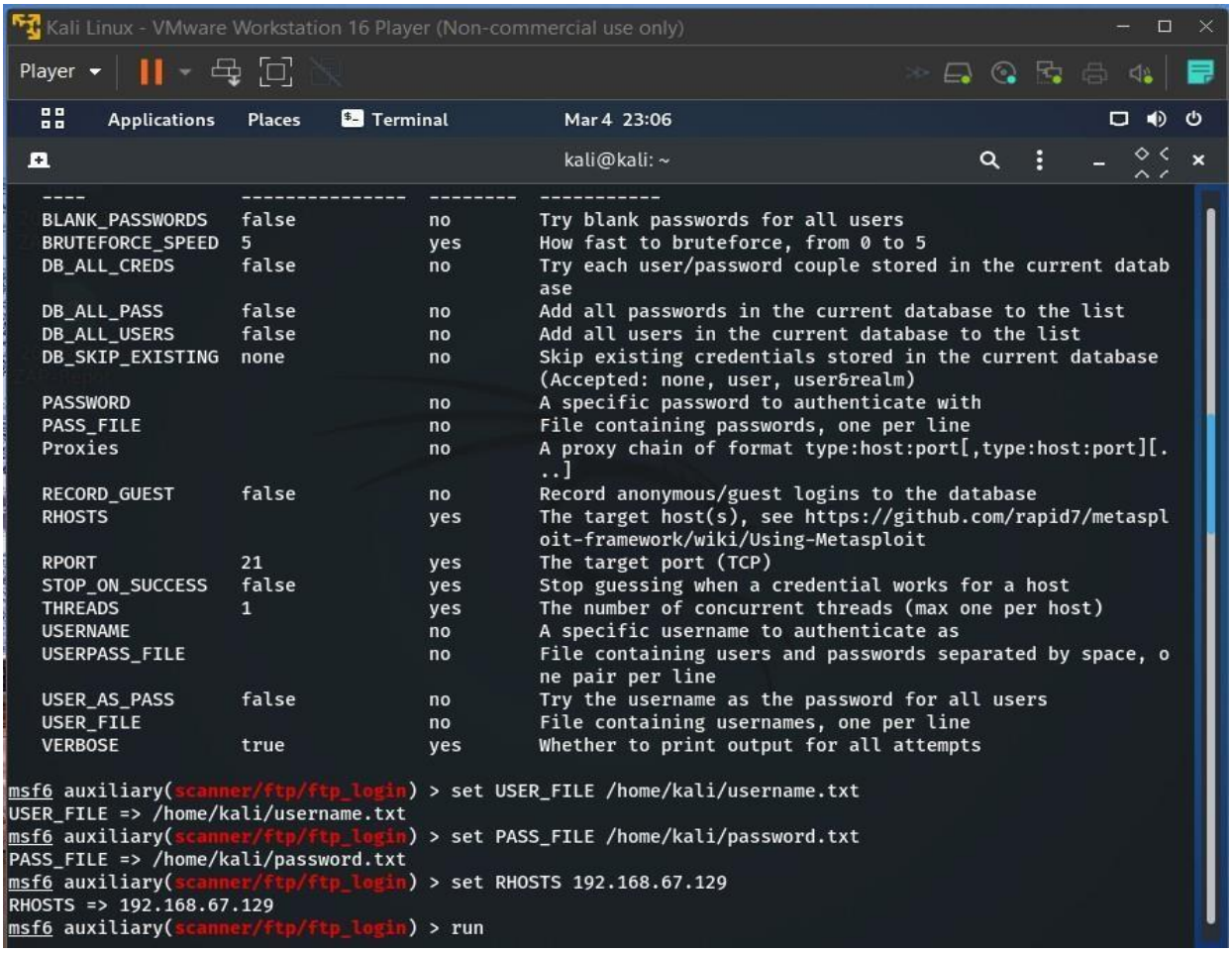
Solution :-



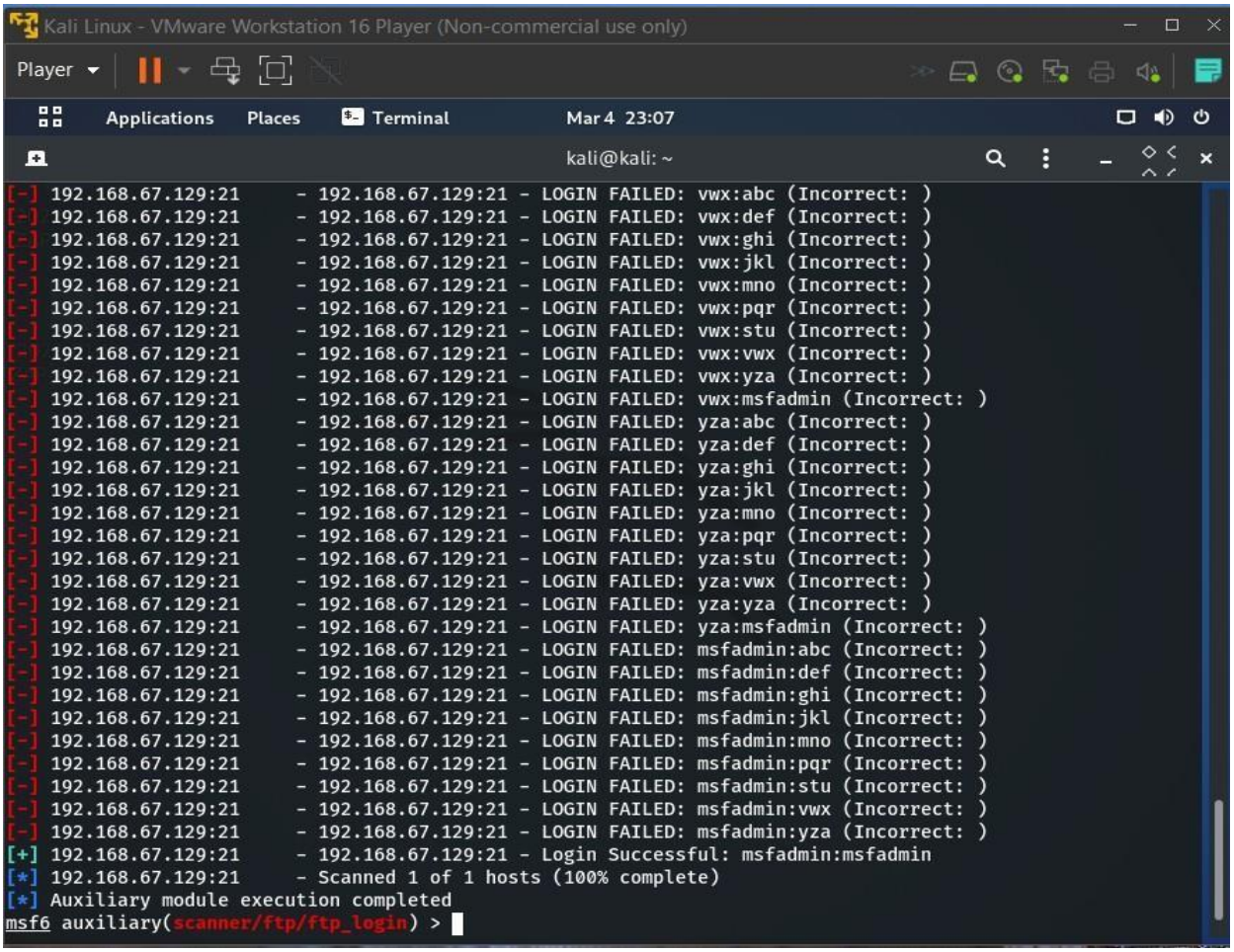
	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Task 2 :- Auxiliary Module

Solution :-



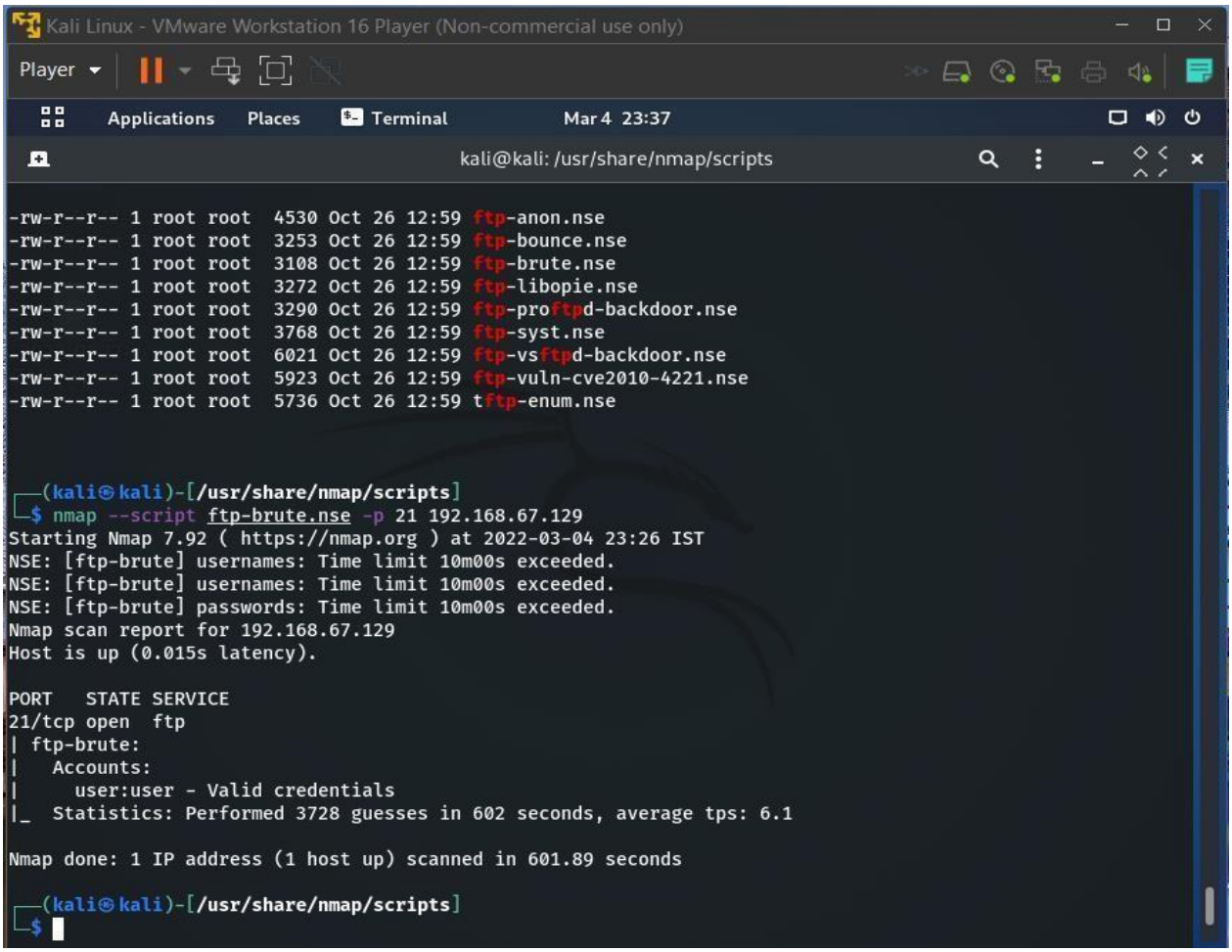
DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

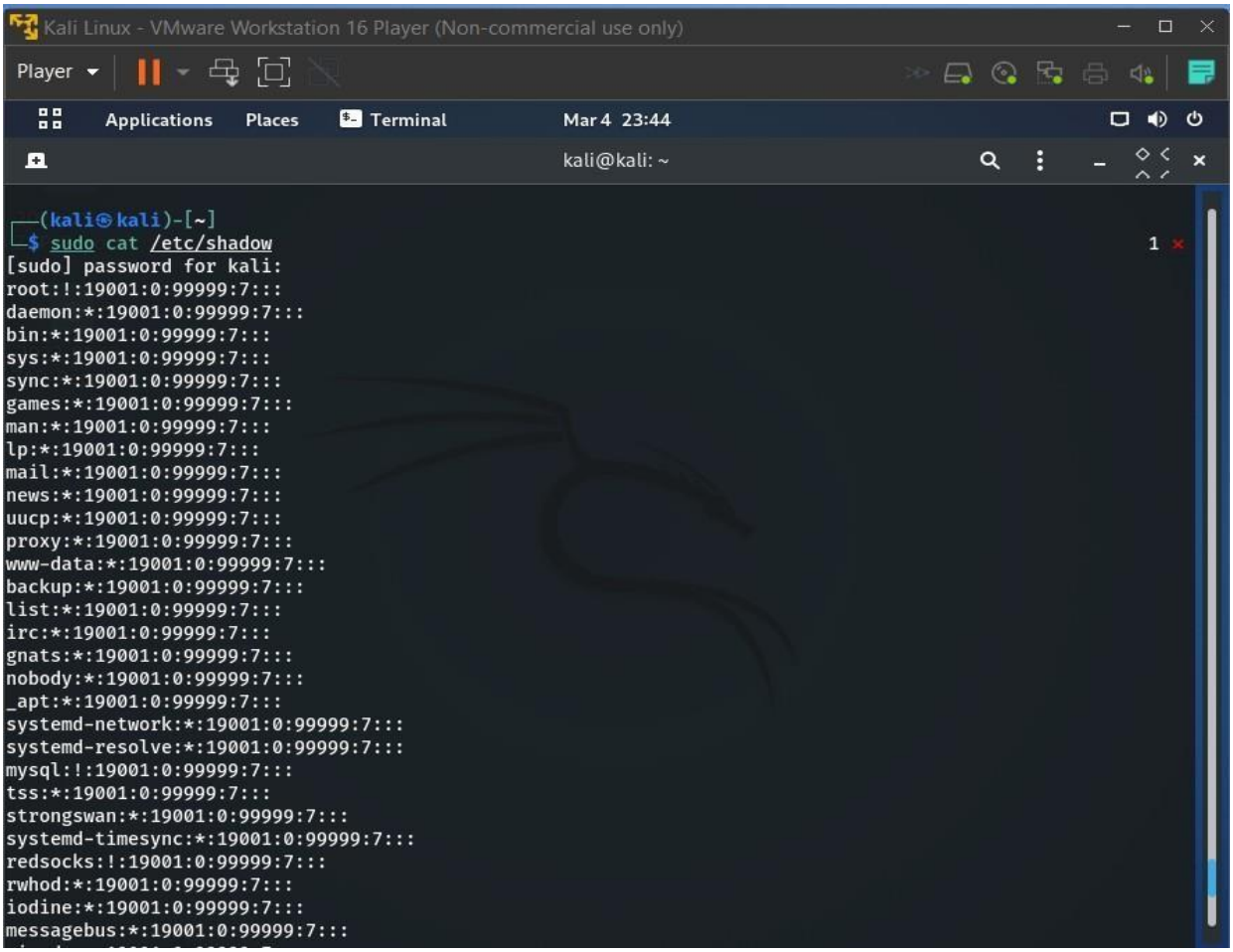
Task 3 :- NSE Scripts

Solution :-

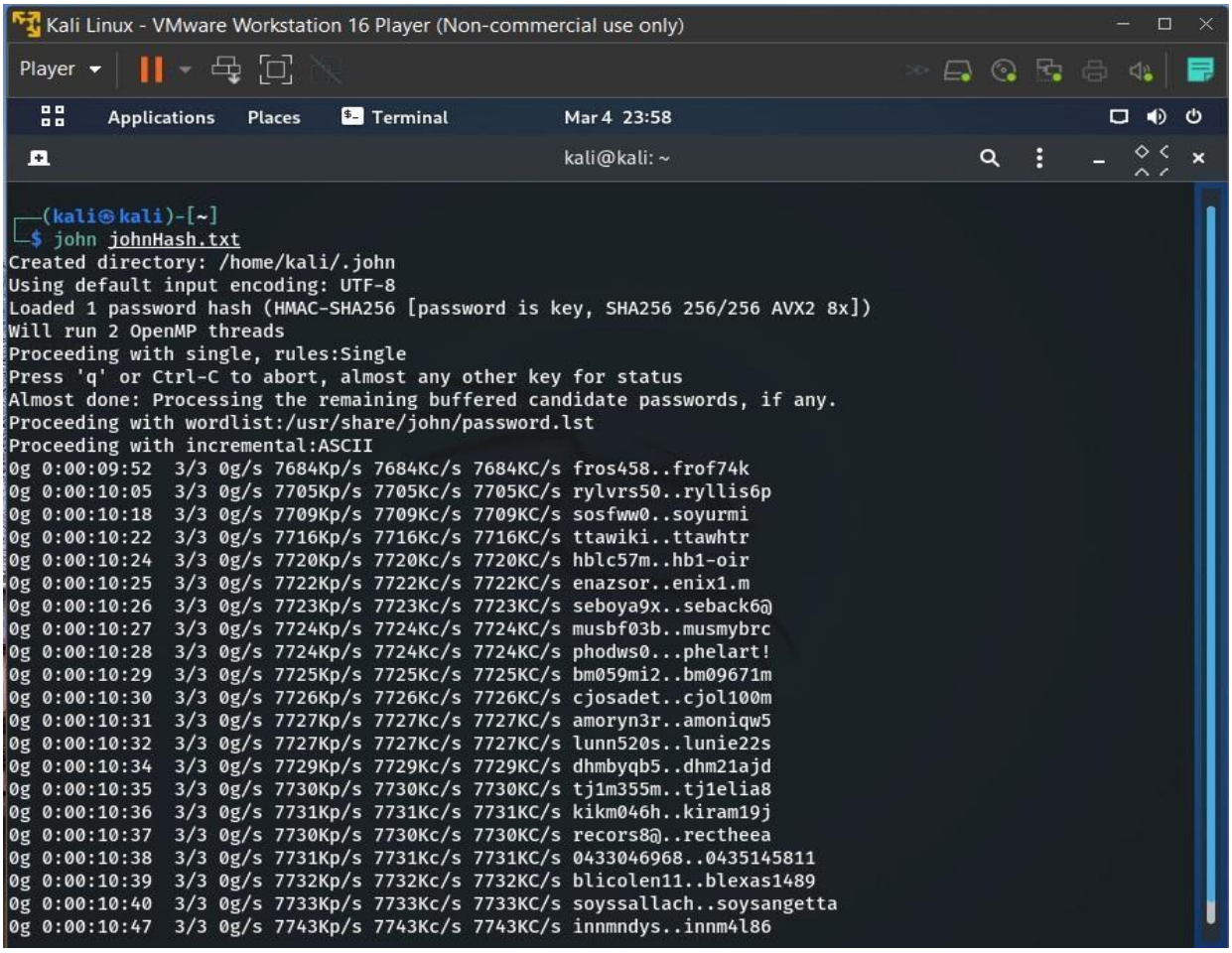


Task 4 :- John the ripper

Solution :-



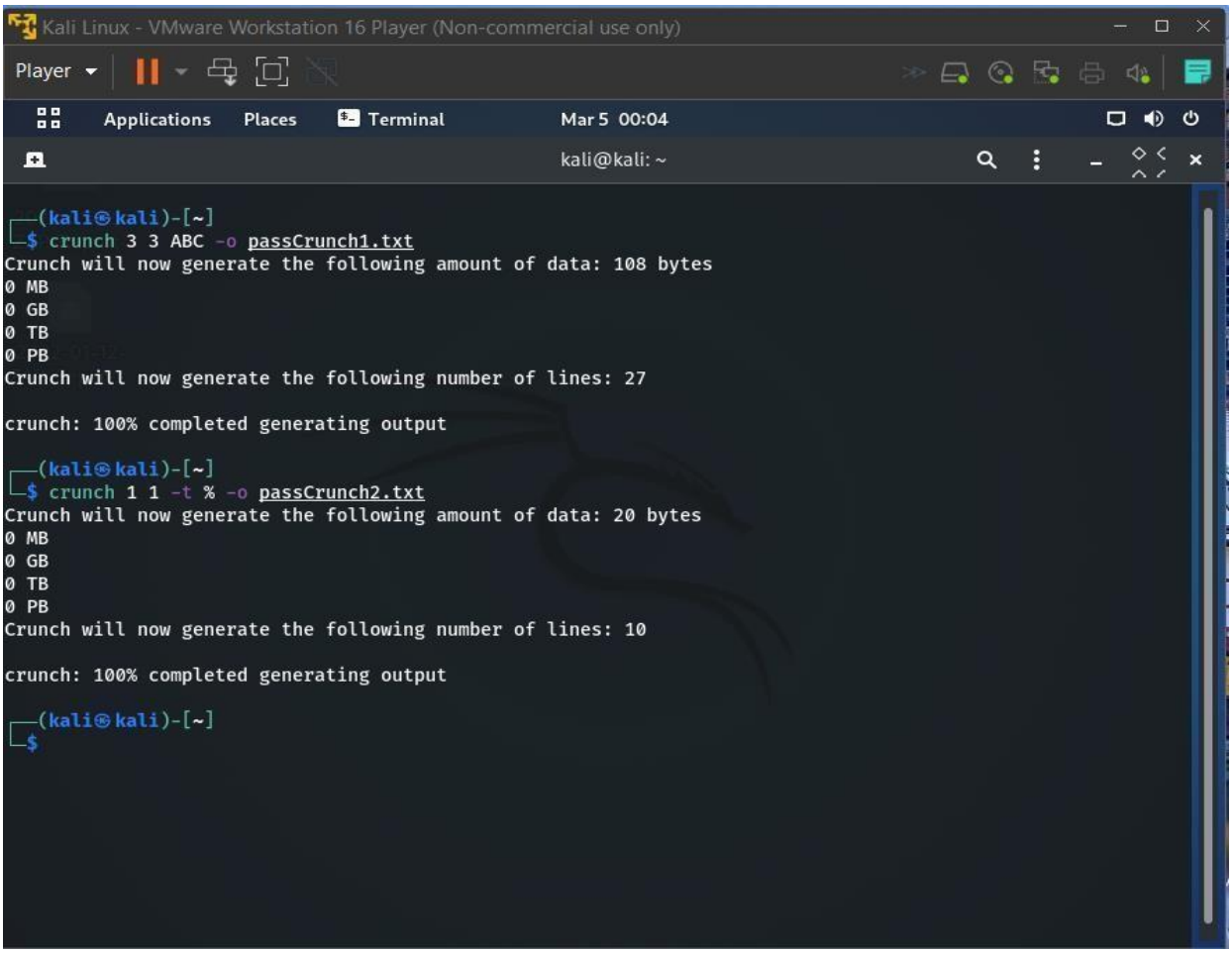
	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



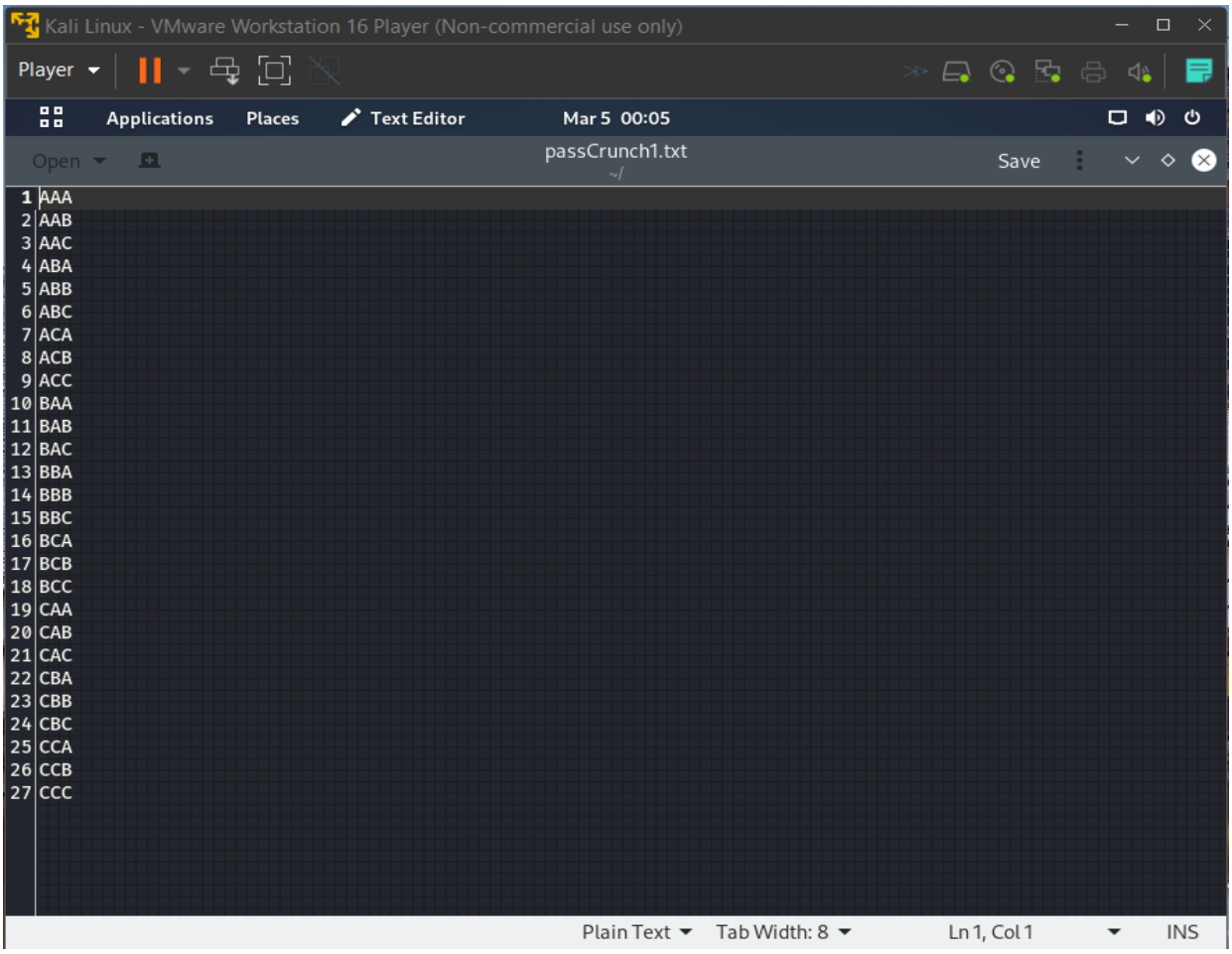
	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Task 5 :- Password generating using Crunch

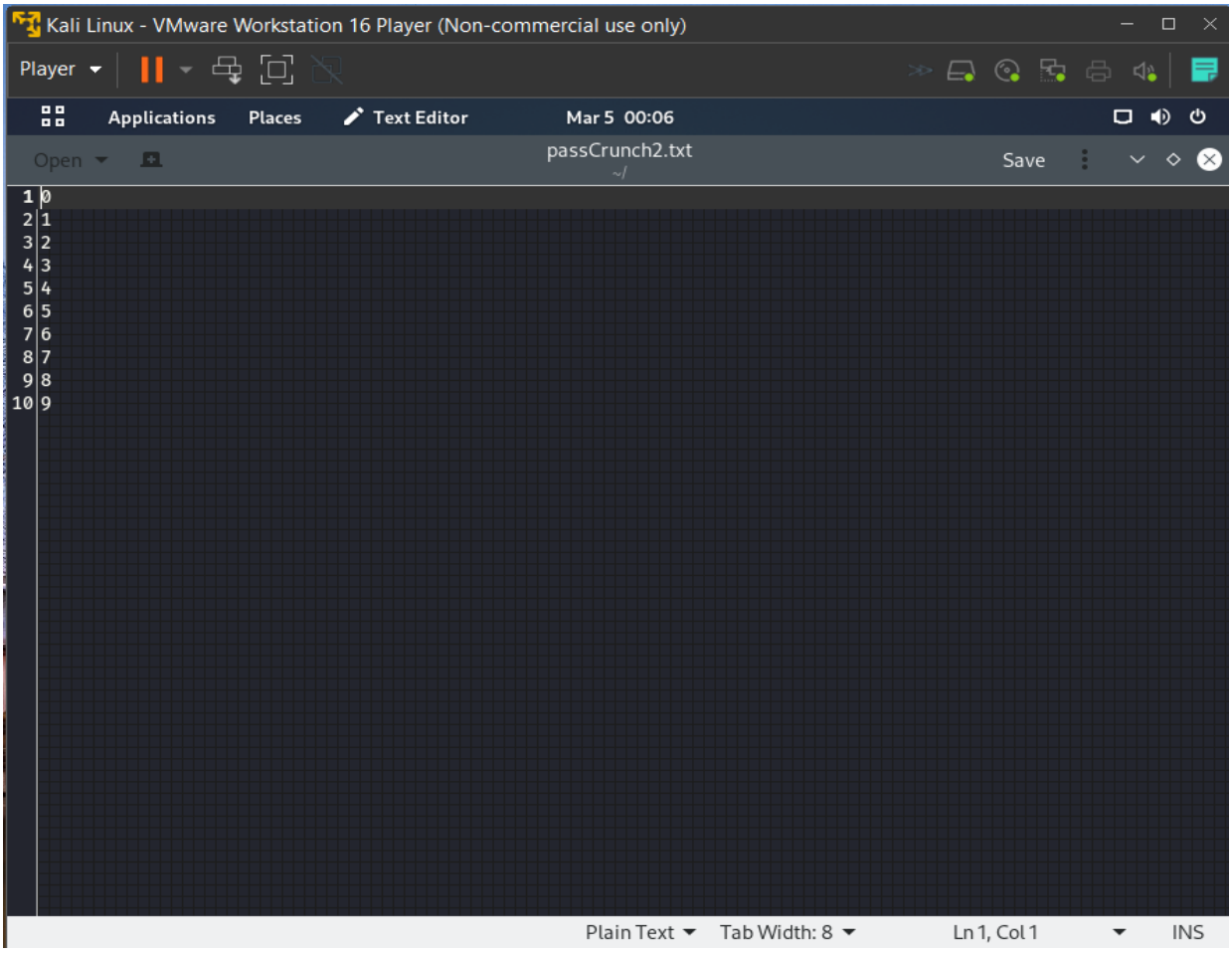
Solution :-



	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Weekly Report for Internship

Roll No: TACO19108

Name of the Student: Ojus Jaiswal

Name of the Company: T A L A K U N C H I Networks Pvt. Ltd.

Domain of Internship: Cyber Security (Ethical Hacking)

Name of the Internal Guide: Mrs. Nalini Jagtap

Name of the External Guide: Mrs. Poojitha Nandimandalam

Duration of Internship: 2 Months

DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Week - VII

Dates: 21 February, 2022 to 27 February, 2022

Description of work done till date:

In seventh week, we were given project no. 5 i.e., Exploiting Server Vulnerabilities. In this project we have to use tools and commands like SMTP Open Relay, Zone Transfer, NetBIOS Enumeration, Wireshark and DOS Attack. These tools can be used for brute forcing activities which will give us access to server, sniffing traffic and denying access to server. Once we gain access, we can use data present in system for our own benefits. That's why testing server is important as these vulnerabilities might be present and can be exploited and it is also possible to deny access to user.

We were first told to attend sessions from LMS which will cover basics regarding the topic. Then after completion of sessions from LMS, live hands-on lecture was conducted in which the instructor showed us practical implementation of project. Then doubt session was conducted for clearing our doubts and to check if we were facing any problem in project execution.

Student Sign **Internal Guide Sign**

DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

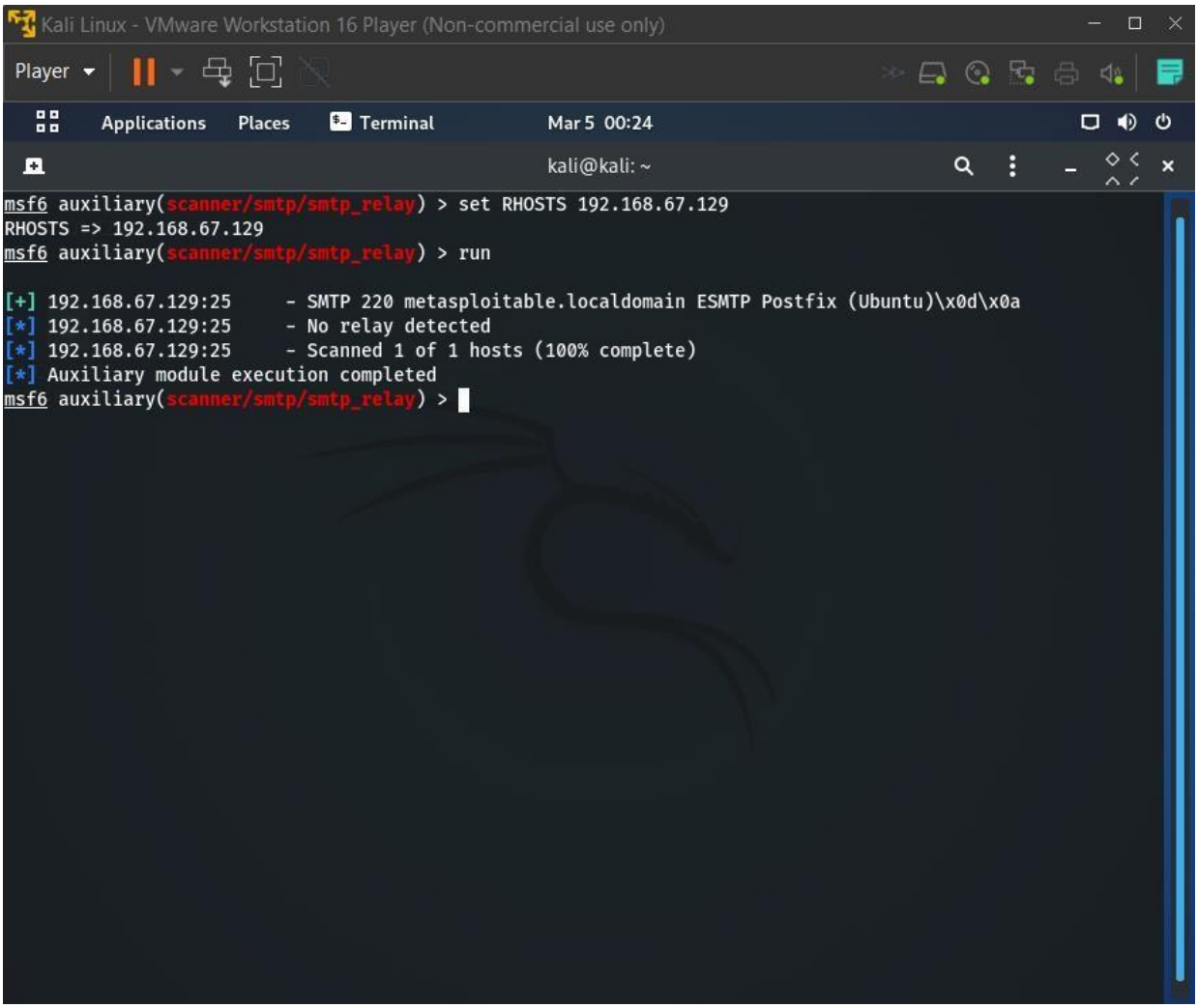
Supporting Documents:

Internship Project 2

Exploiting Server Vulnerabilities

Task 1 :- Check for SMTP Open Relay

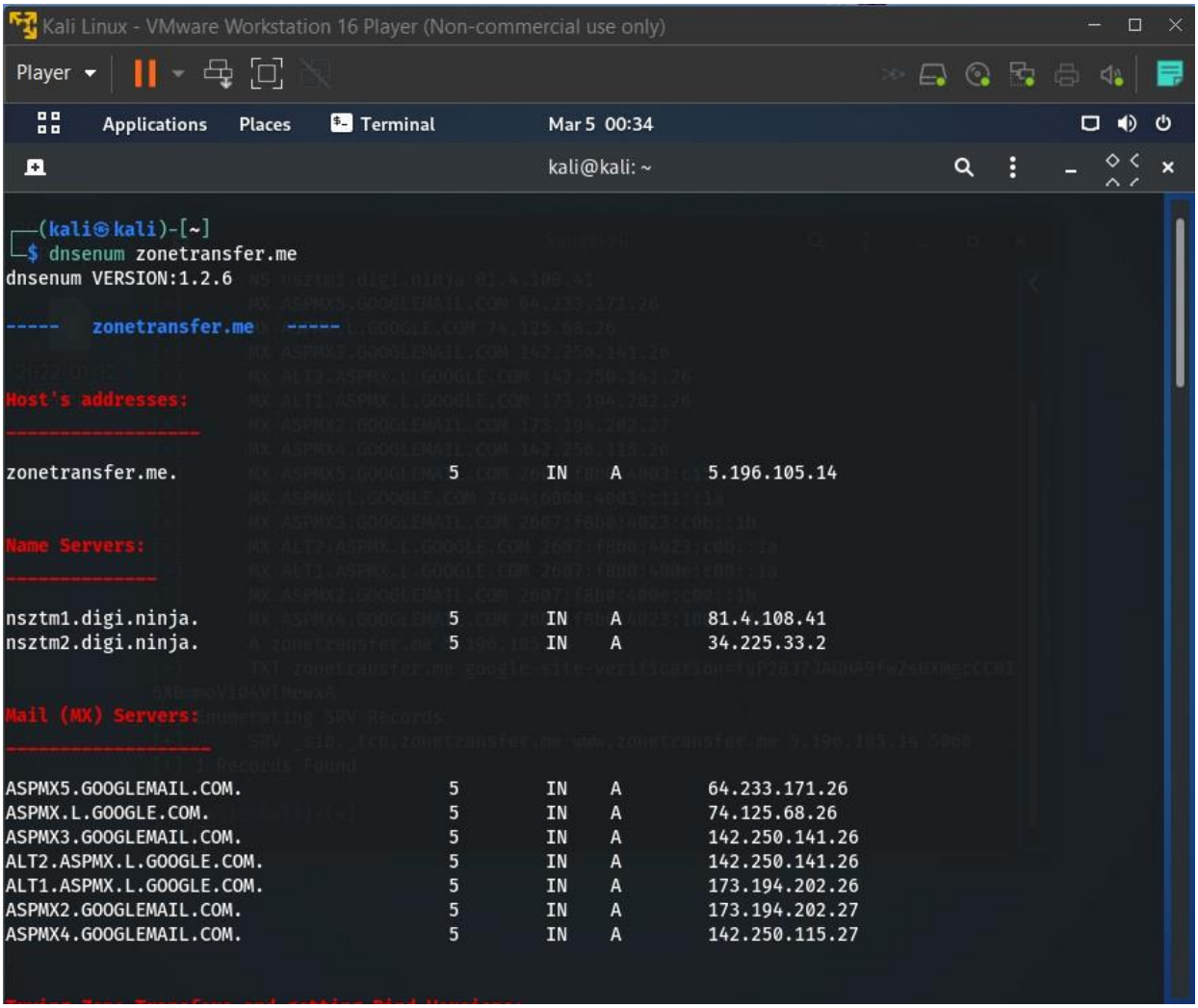
Solution :-



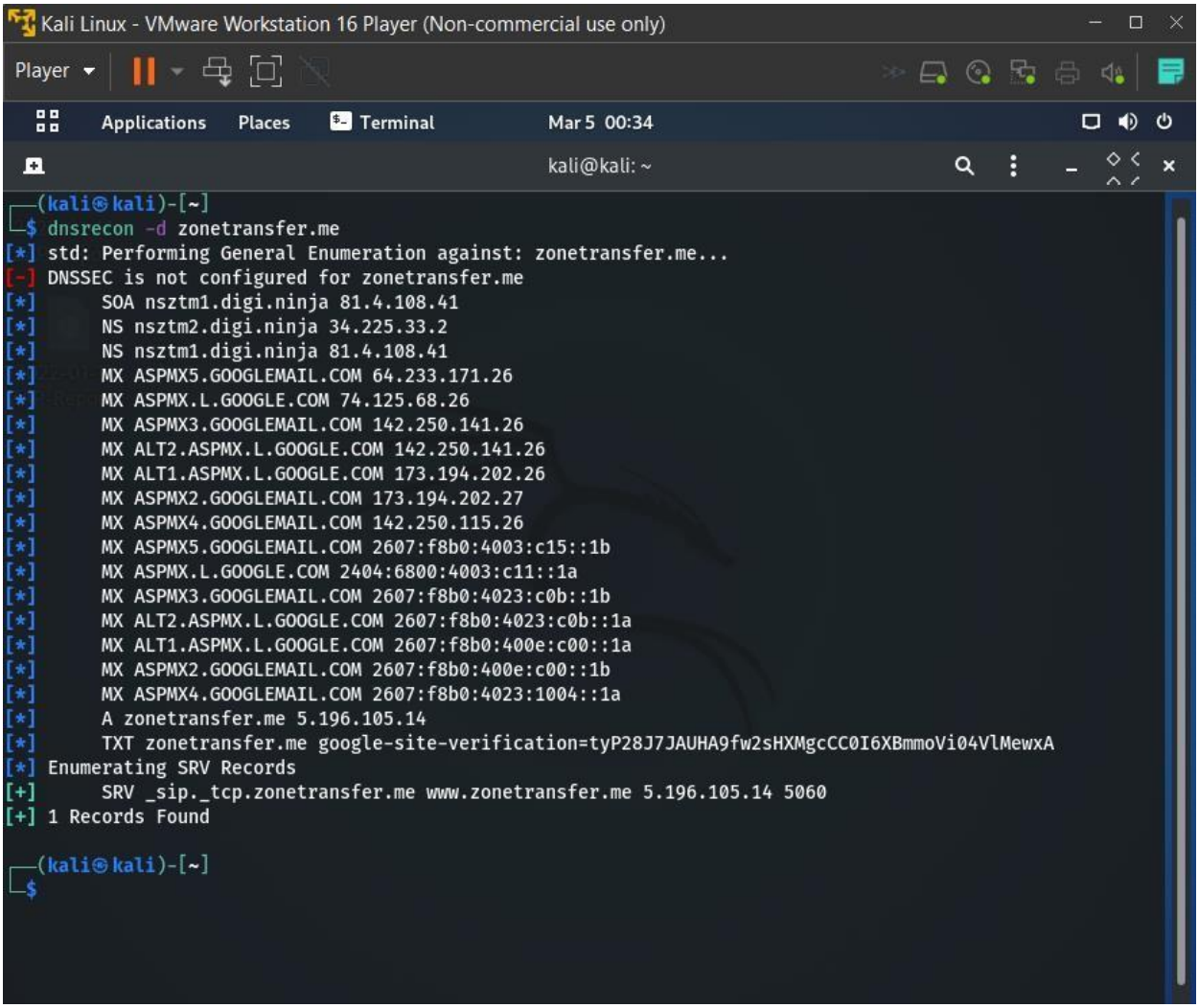
	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Task 2 :- Check for Zone Transfers

Solution :-



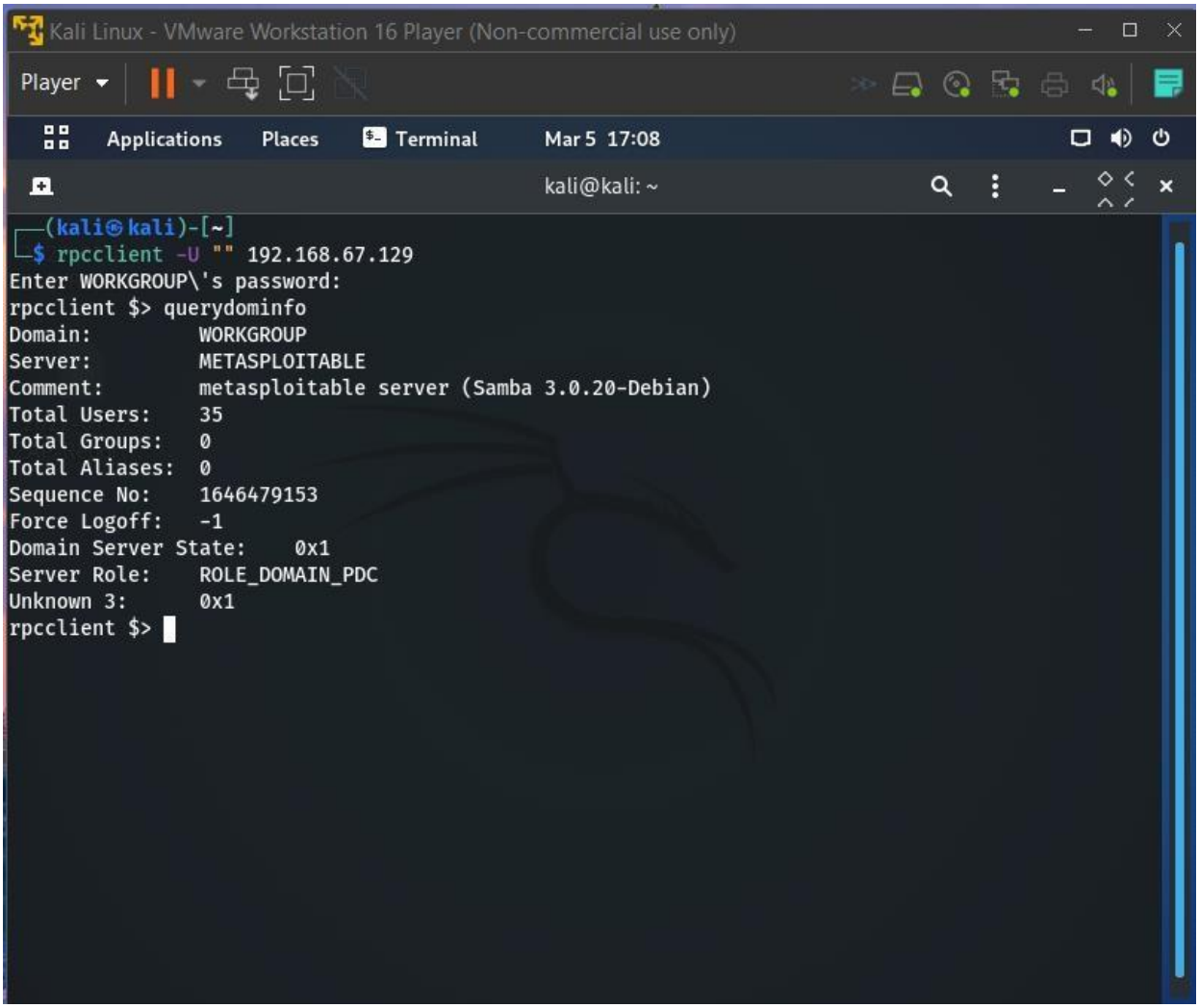
	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



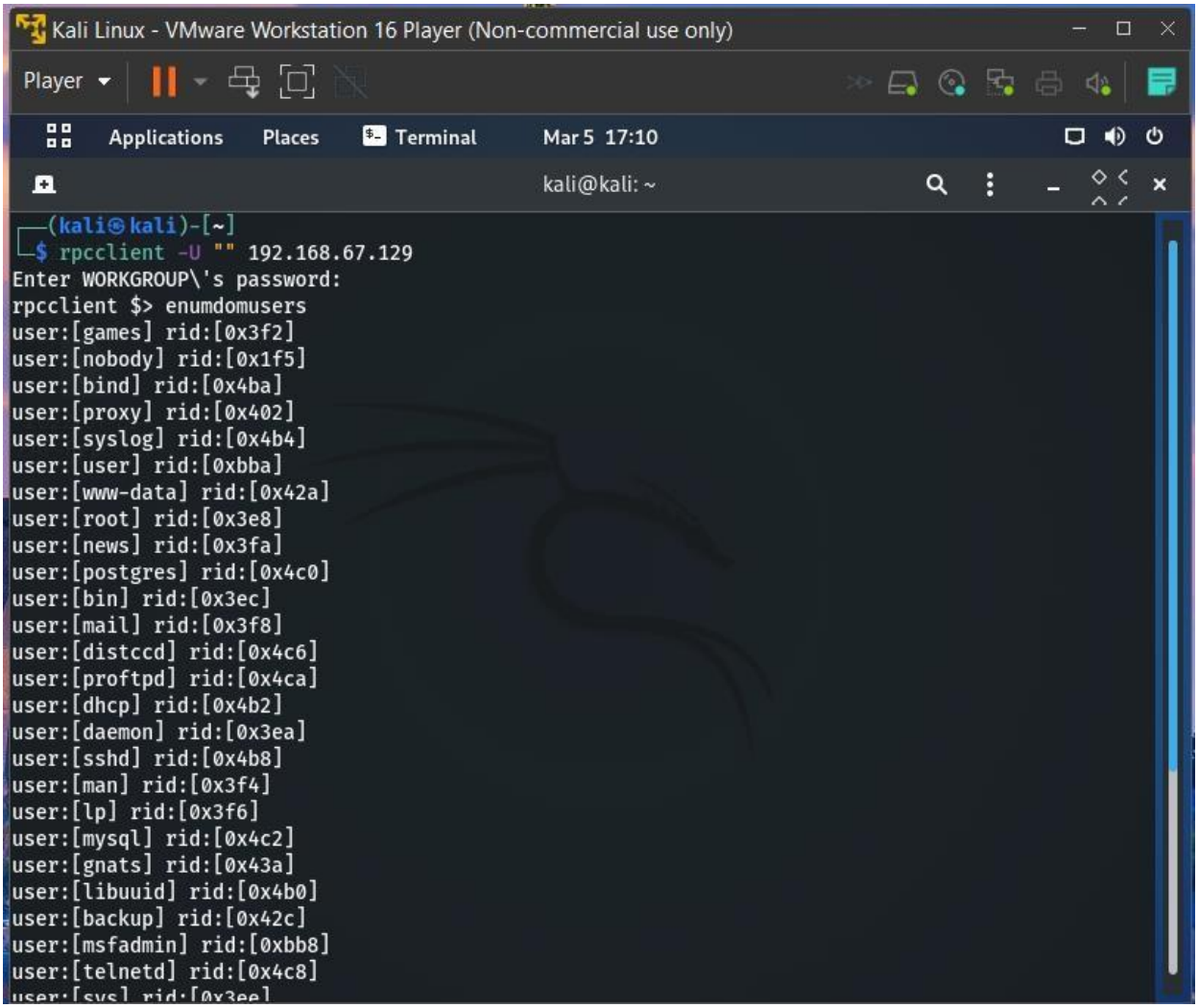
DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Task 3 :- Perform NetBIOS Enumeration

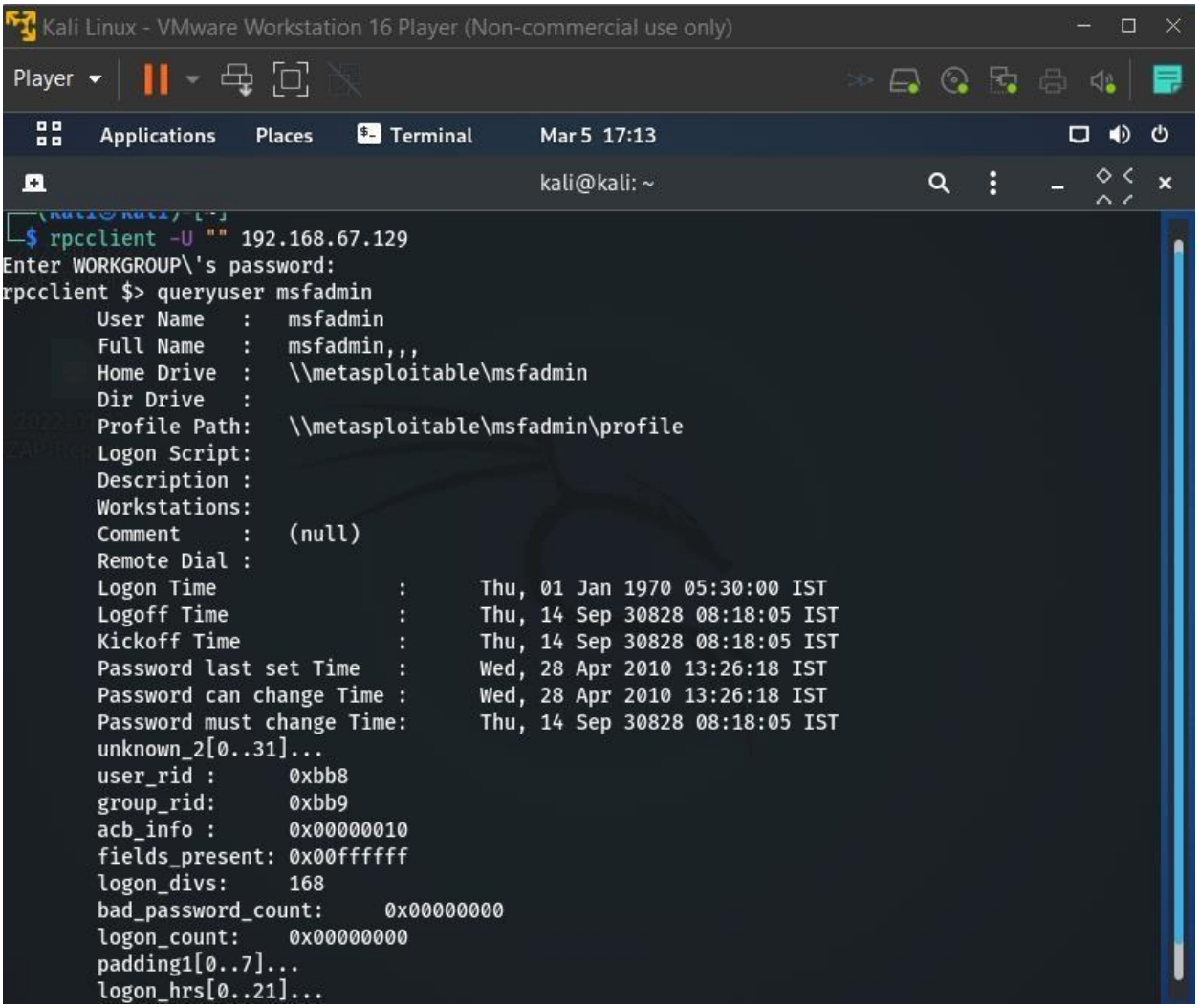
Solution :-



	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



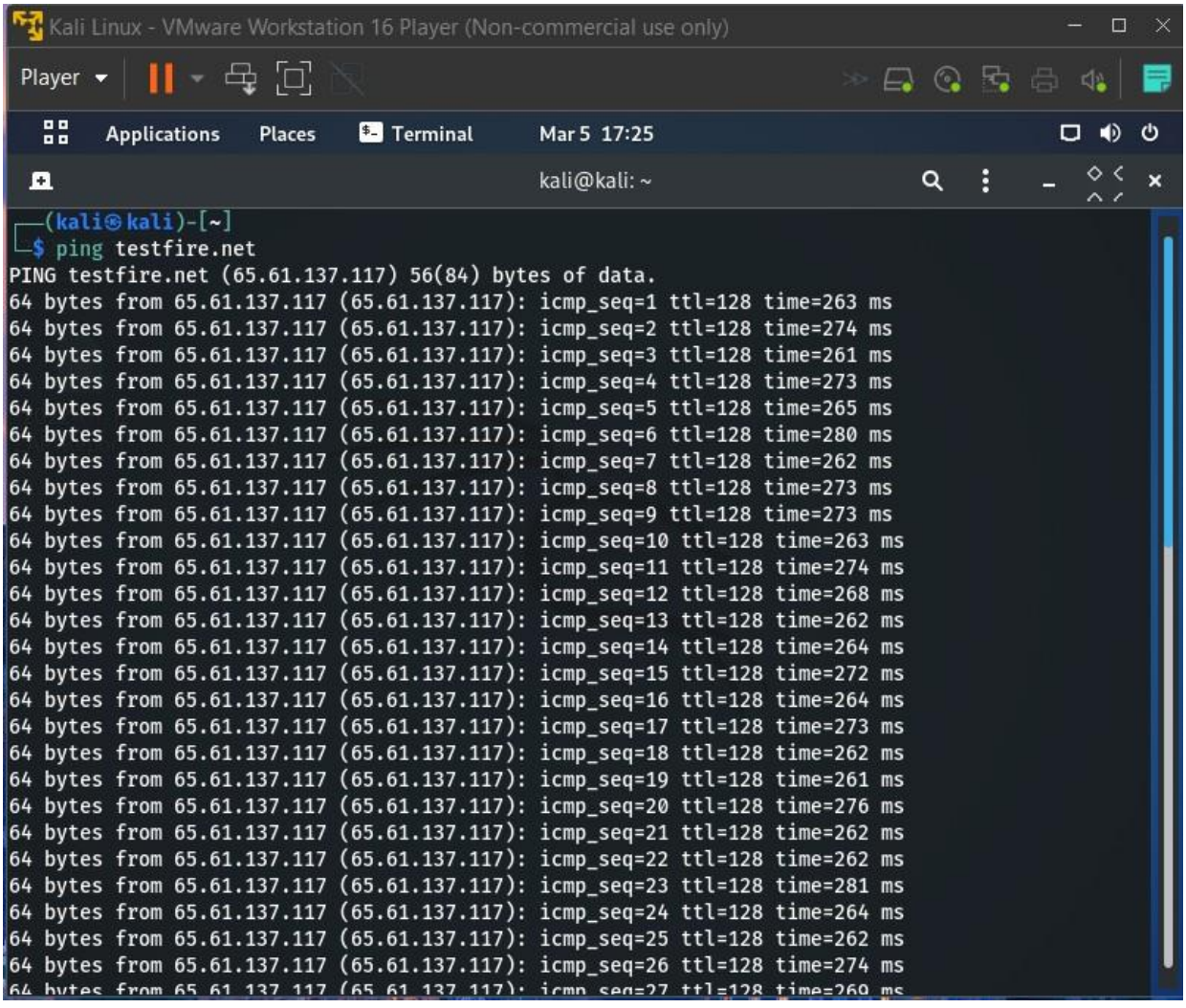
	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



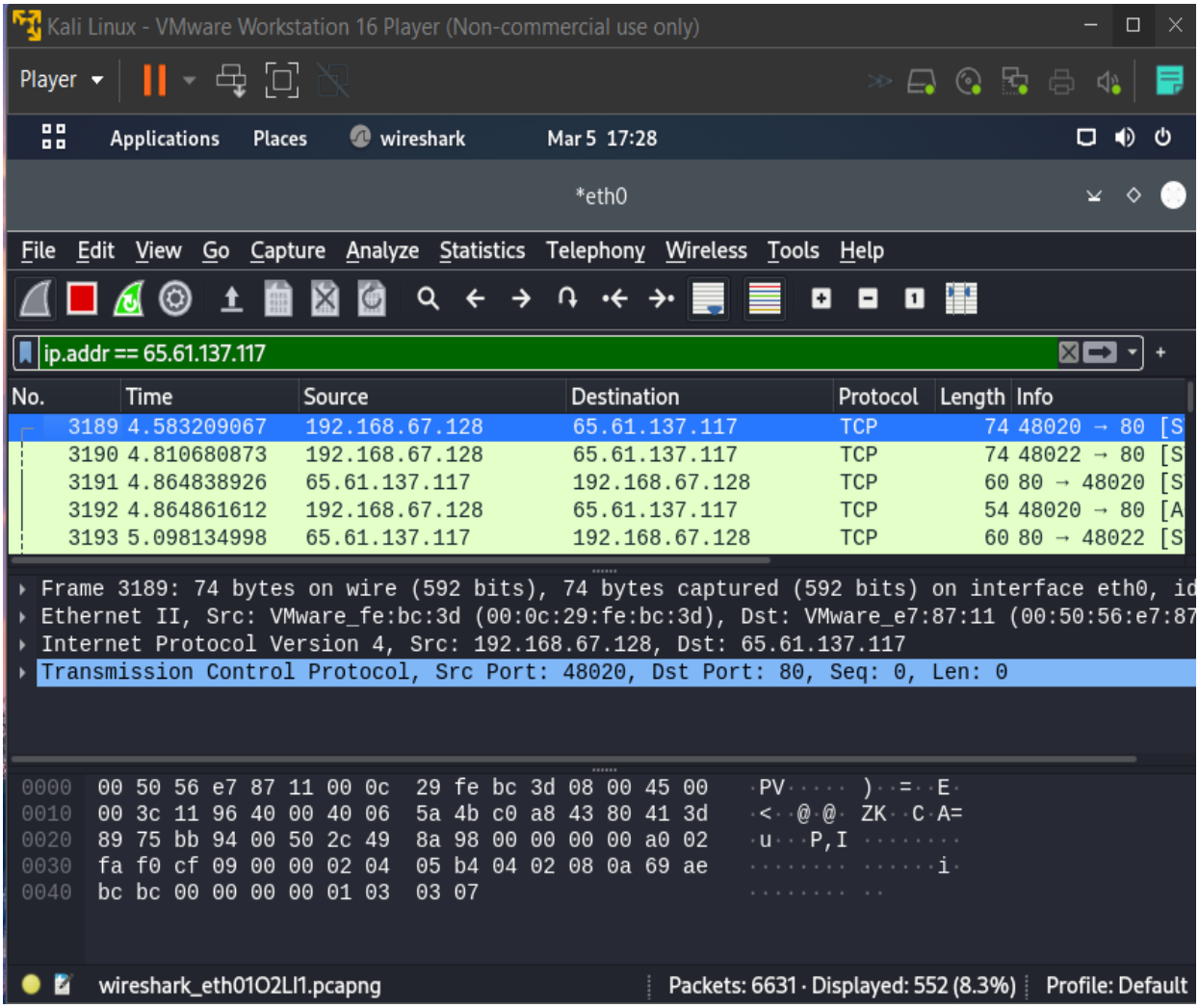
DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Task 4 :- Sniff the data of any application using Wire-Shark

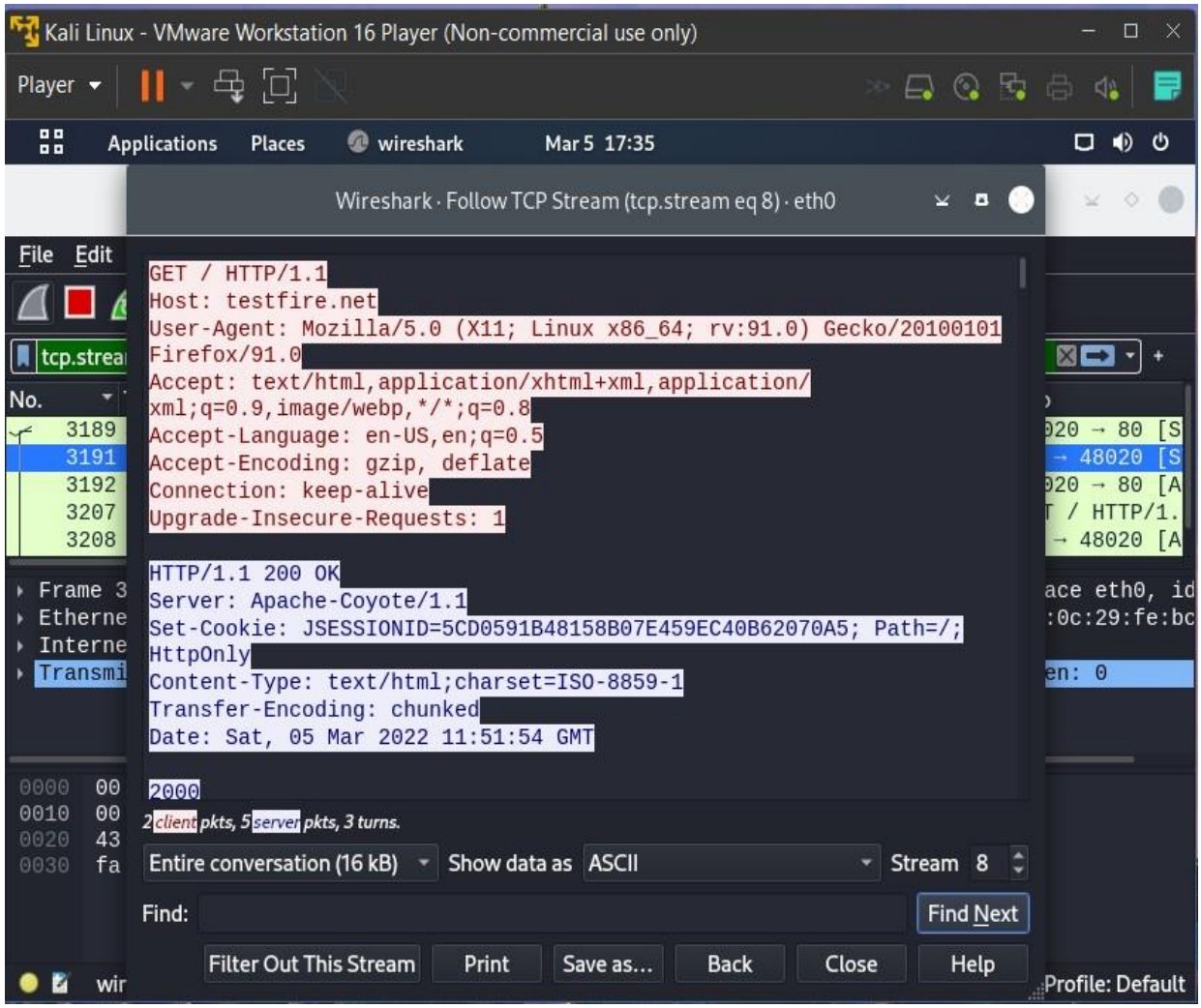
Solution :-



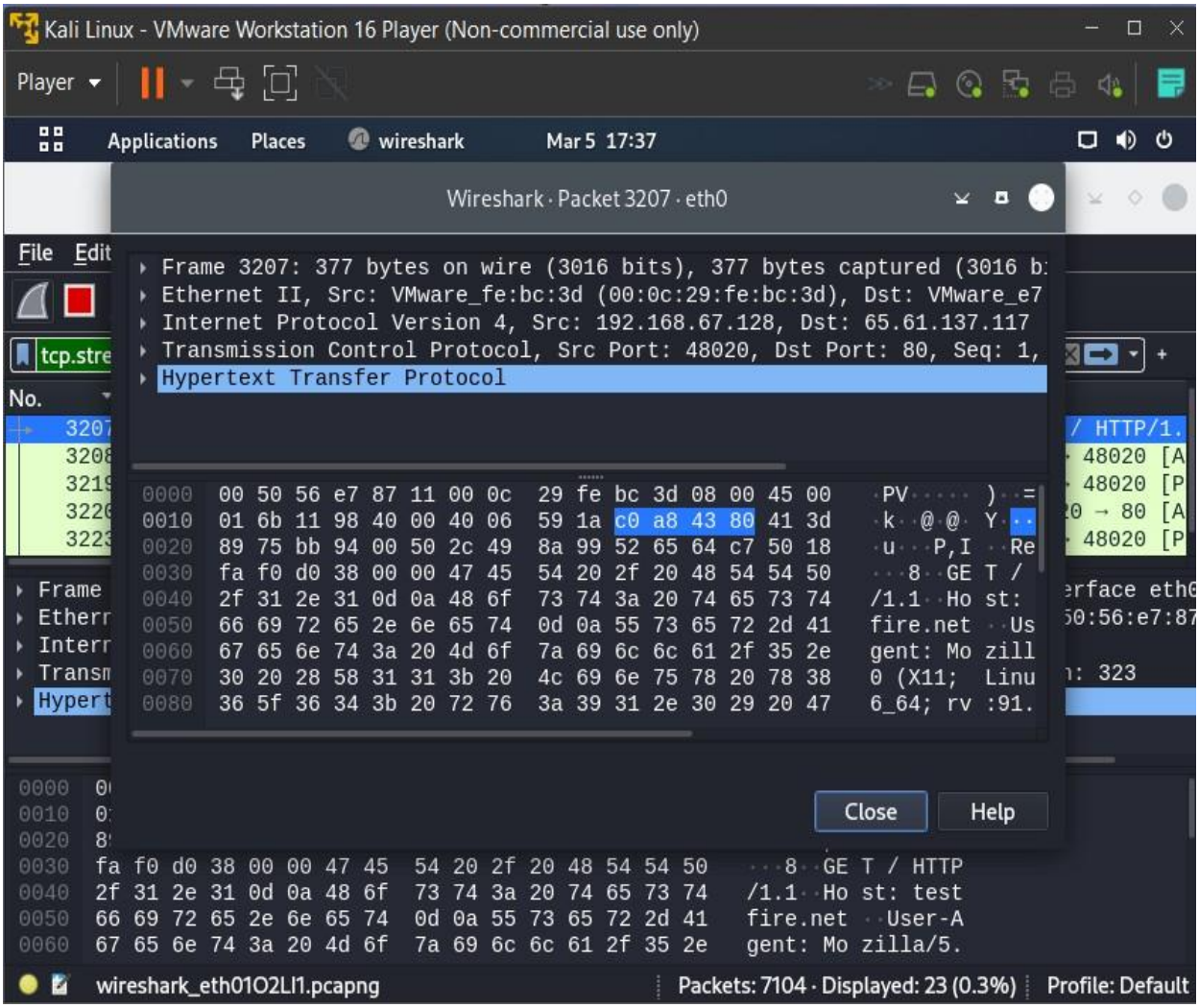
	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



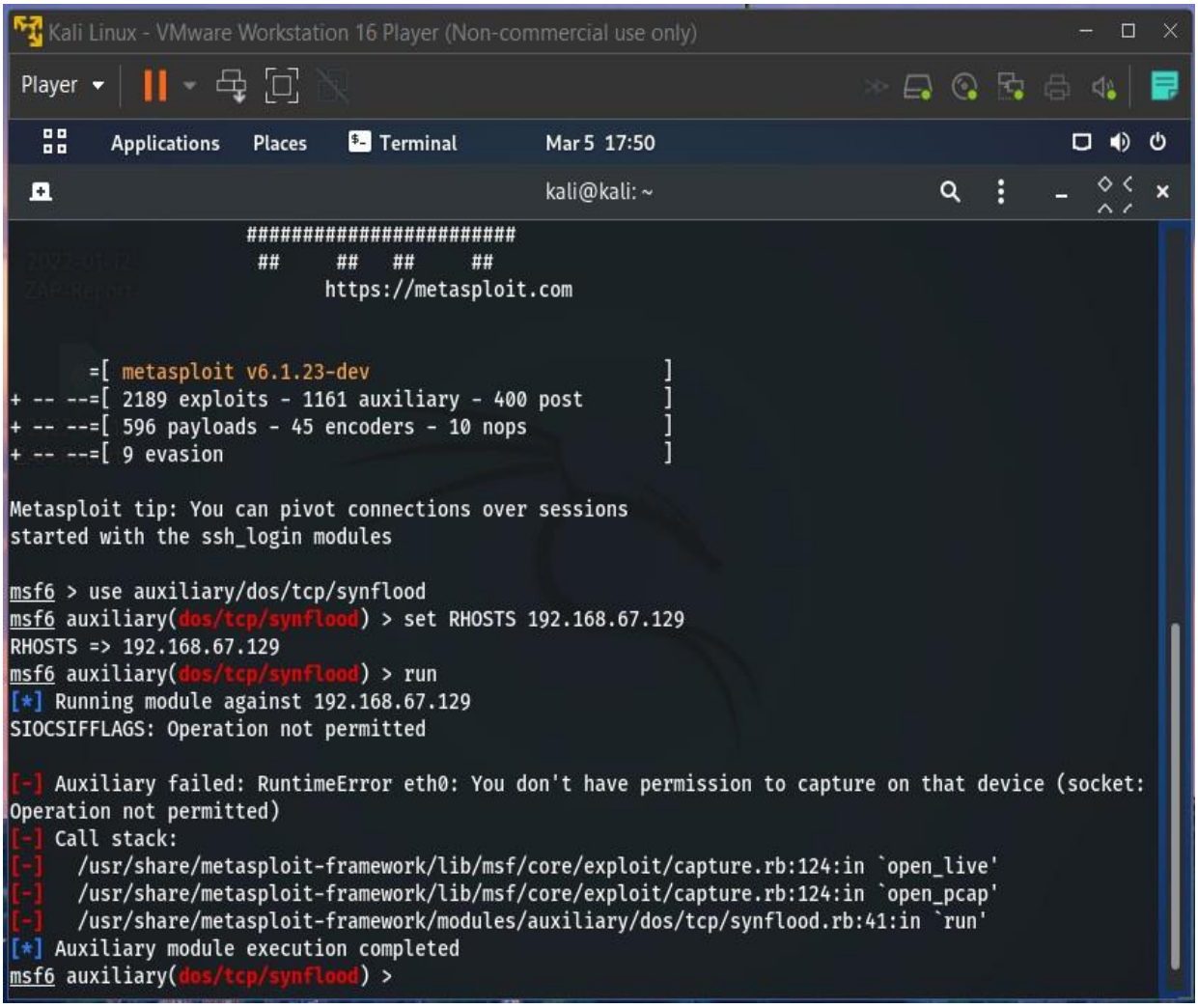
	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



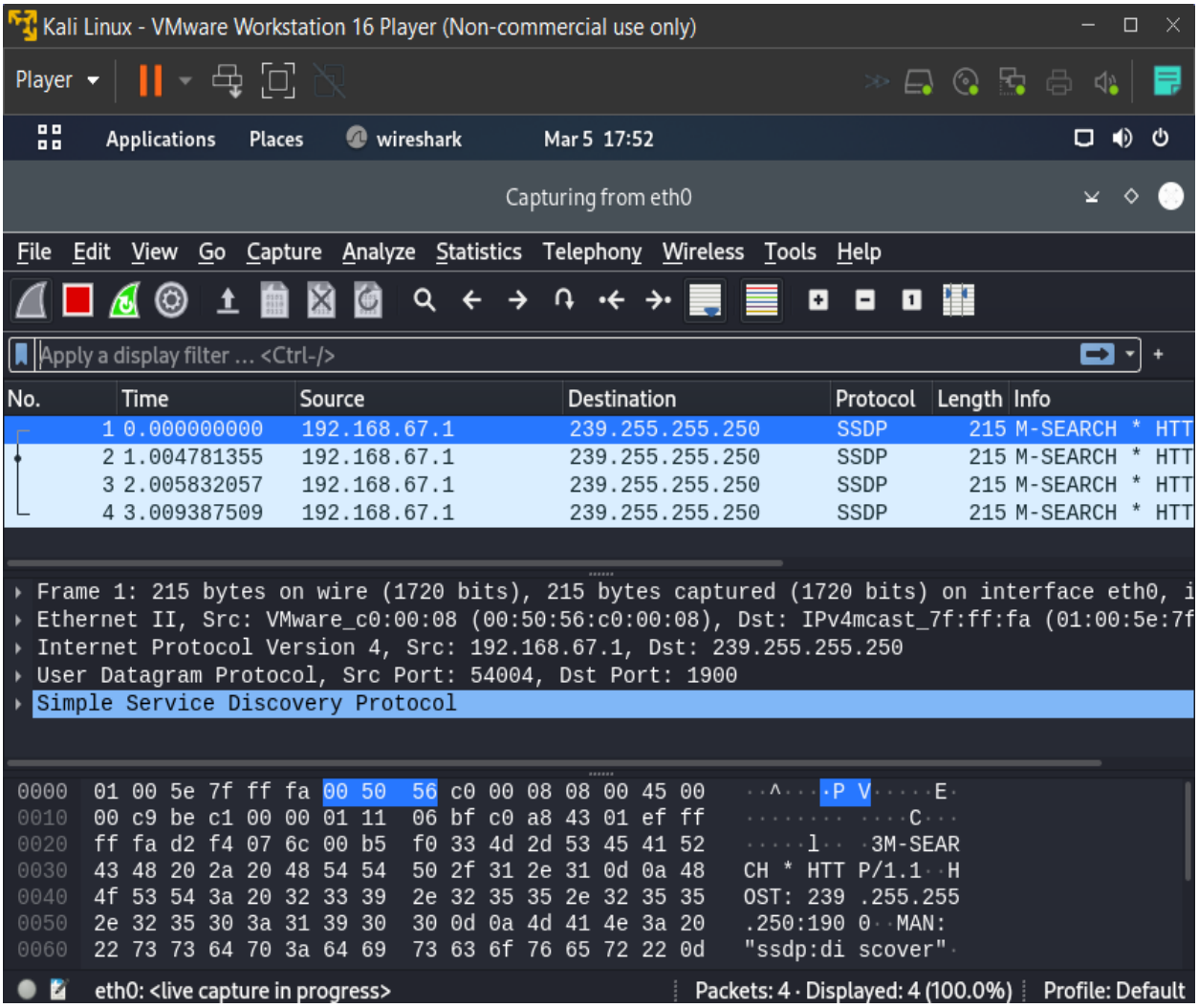
	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Task 5 :- Perform DOS Attack using Metasploit framework

Solution :-



	Dr D Y Patil Pratishthan's **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**



DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Weekly Report for Internship

Roll No: TACO19108

Name of the Student: Ojus Jaiswal

Name of the Company: T A L A K U N C H I Networks Pvt. Ltd.

Domain of Internship: Cyber Security (Ethical Hacking)

Name of the Internal Guide: Mrs. Nalini Jagtap

Name of the External Guide: Mrs. Poojitha Nandimandalam

Duration of Internship: 2 Months

DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Week - VIII

Dates: 28 February, 2022 to 10 March, 2022

Description of work done till date:

In the last ten days of internship, we were given time for submitting our projects that we have completed in previous 5 weeks. We were given recordings of sessions that was conducted during each week for live execution of projects. Doubt sessions were also held for our convenience.

After successful submission, we were awarded certificate of participation, project completion and internship completion.

Student Sign **Internal Guide Sign**

DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

Supporting Documents:

DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**

DYP DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT AND RESEARCH	**Dr D Y Patil Pratishthan's** **Dr. D.Y. Patil Institute of Engineering, Management and Research, Akurdi, Pune**	DI No.: **ACAD/DI/72**
Academic Year: 2021-22	**Weekly Report Format for Internship**	**Revision : 00** **Dated :** **20/11/2019**
Term – II	**Department : Computer Engineering**	**Date of Preparation :** **3/01/2022**