Cybersecurity Internship Report

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Program: Digisuraksha Parhari Foundation Internship
Issued By: Digisuraksha Parhari Foundation
Supported By: Infinisec Technologies Pvt. Ltd.
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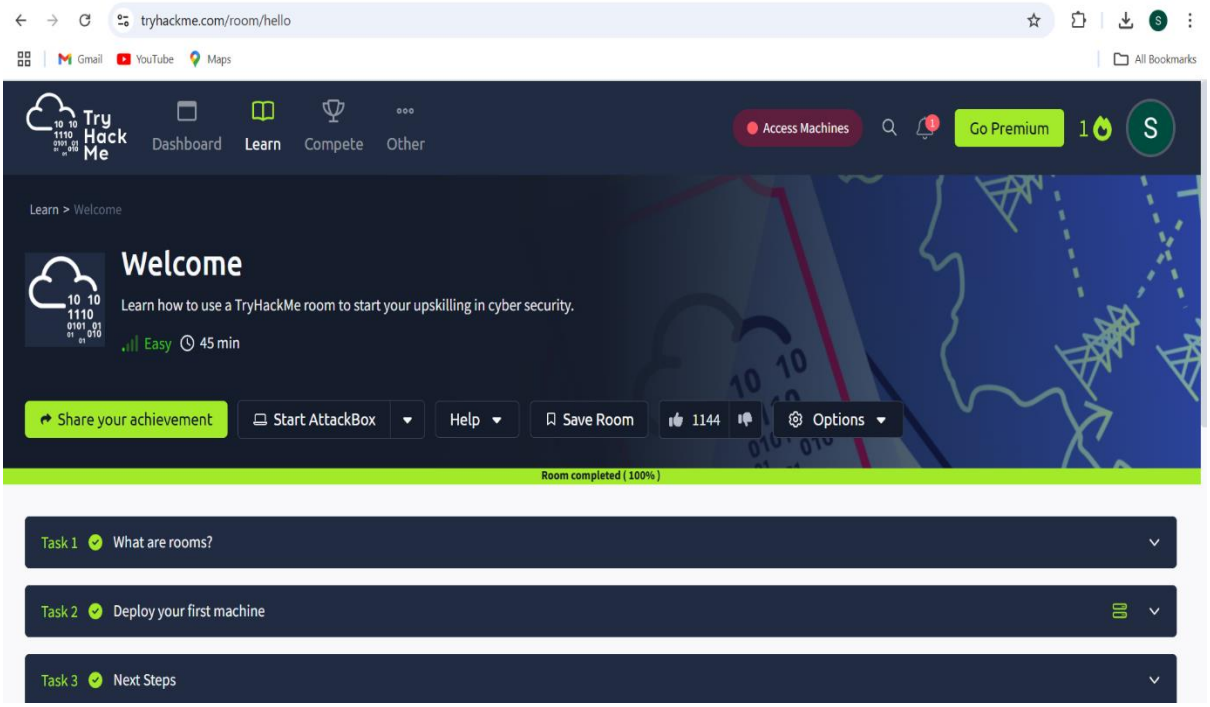
1.Room name:hello



Link: https://tryhackme.com/room/hello
Learning Objective To get introduced to TryHackMe, understand how the platform works, and navigate through the interface effectively.
Key Tools/Commands Used

- **TryHackMe Web Interface**

Concepts Learned

- **TryHackMe's layout and platform design**
- **Task-based progression system**
- **Launching and accessing virtual machines (VMs)**

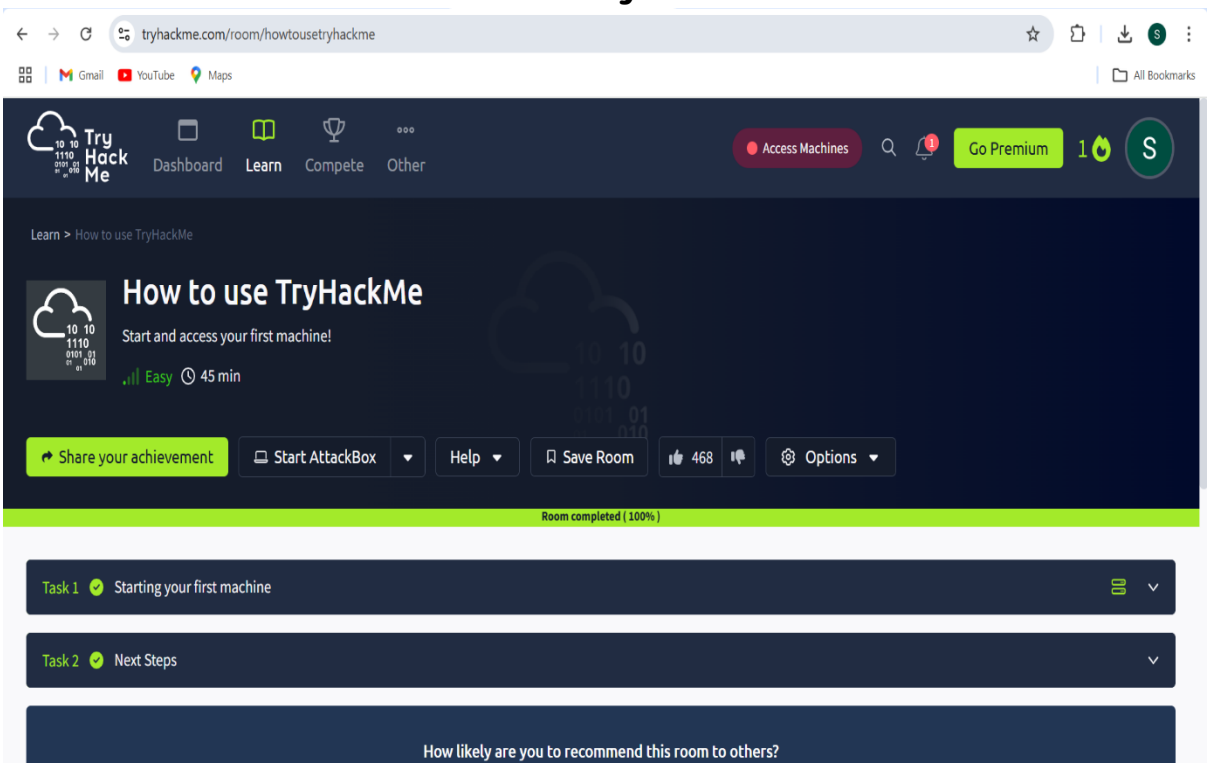
Walkthrough / How You Solved It

- Logged into TryHackMe and joined the Hello World room
- Read through each section and followed the instructions
- Observed how tasks are marked as complete

Reflections or Notes

A beginner-friendly room that builds comfort with the TryHackMe interface.

2. Room Name: How to Use TryHackMe



Link: https://tryhackme.com/room/howtousetryhackme

Learning Objective

To explore how to interact with rooms, tasks, VMs, and hints within TryHackMe.

Key Tools/Commands Used

- TryHackMe Interface

Concepts Learned

- Split screen feature
- Starting/Stopping rooms
- Reading hints and marking progress

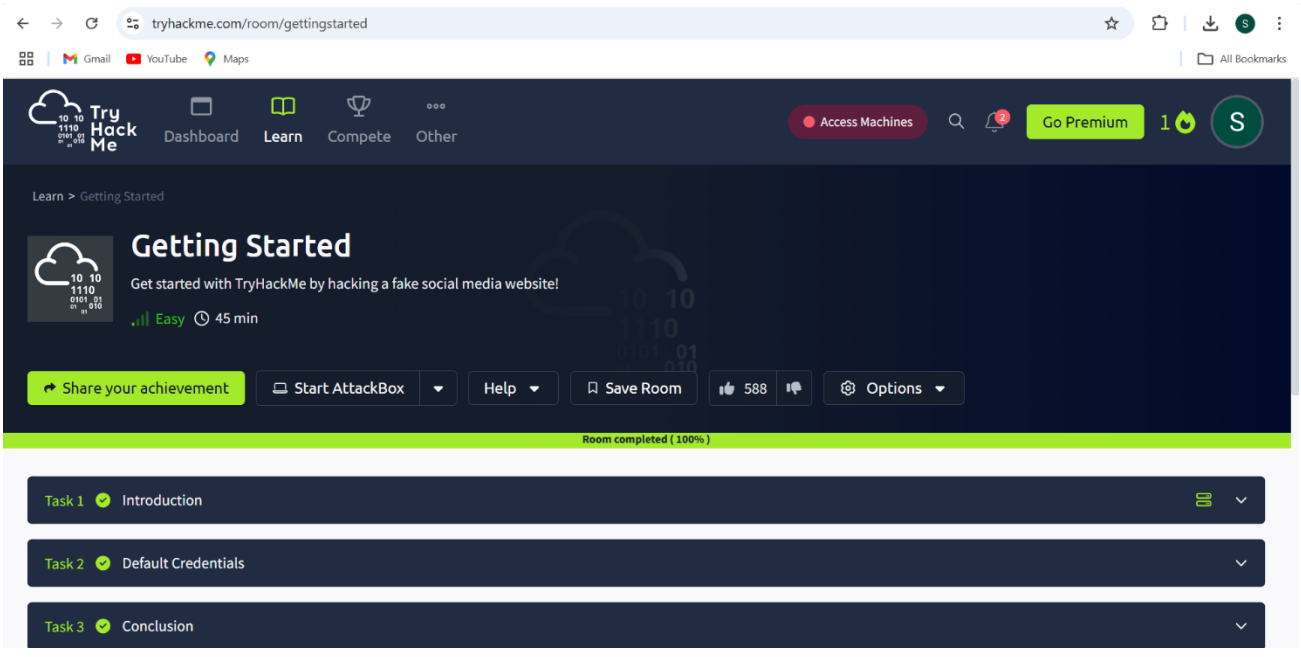
Walkthrough / How You Solved It

- Explored the platform layout and started the VM
- Completed all interactive questions and notes

Reflections or Notes

Helpful for understanding the structure of challenges. Sets expectations clearly for beginners.

3.Room Name: Getting Started



Link: https://tryhackme.com/room/gettingstarted

Learning Objective

To configure the basic system environment and learn how VPN works for secure lab access.

Key Tools/Commands Used

- OpenVPN
- Terminal/Command Line

Concepts Learned

- VPN connection using .ovpn files
- Testing connectivity with ping

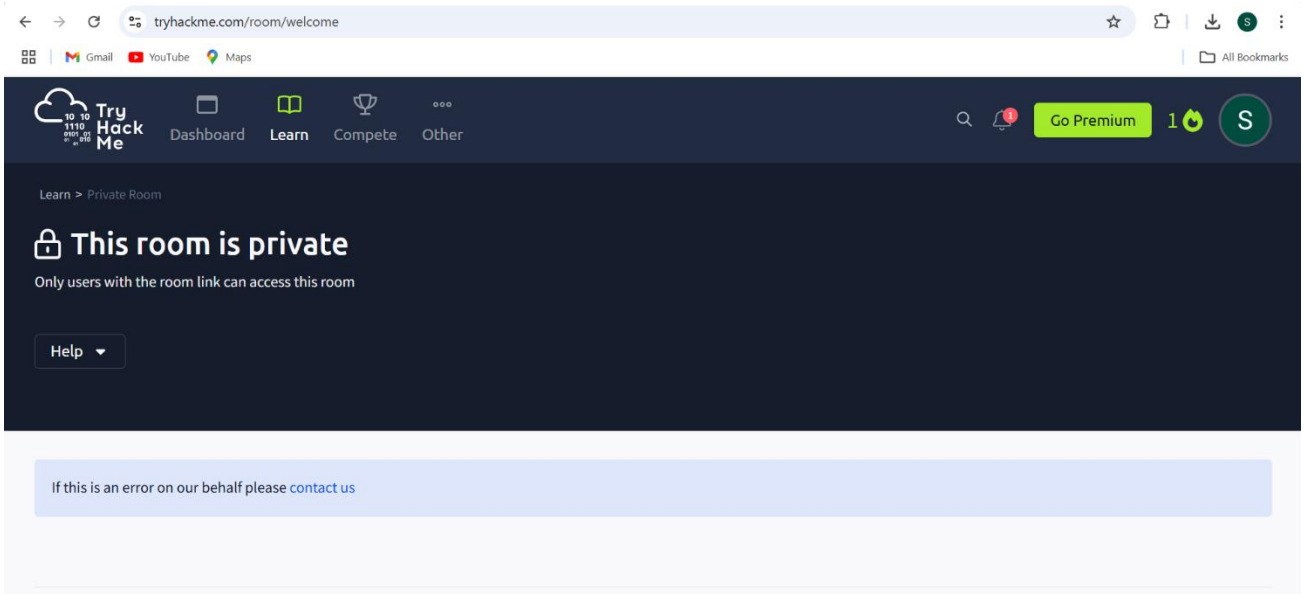
Walkthrough / How You Solved It

- Installed OpenVPN and downloaded configuration files
- Connected successfully and verified using ping and task checks

Reflections or Notes

Essential room for hands-on setup. Faced minor connectivity challenges but resolved with the community support.

4.Room Name: Welcome.



Link: https://tryhackme.com/room/welcome

Learning Objective

To welcome users and provide a roadmap to different TryHackMe learning paths.

Key Tools/Commands Used

- None (Informational only)

Concepts Learned

- Different learning paths available on TryHackMe
- Structure and flow of the platform

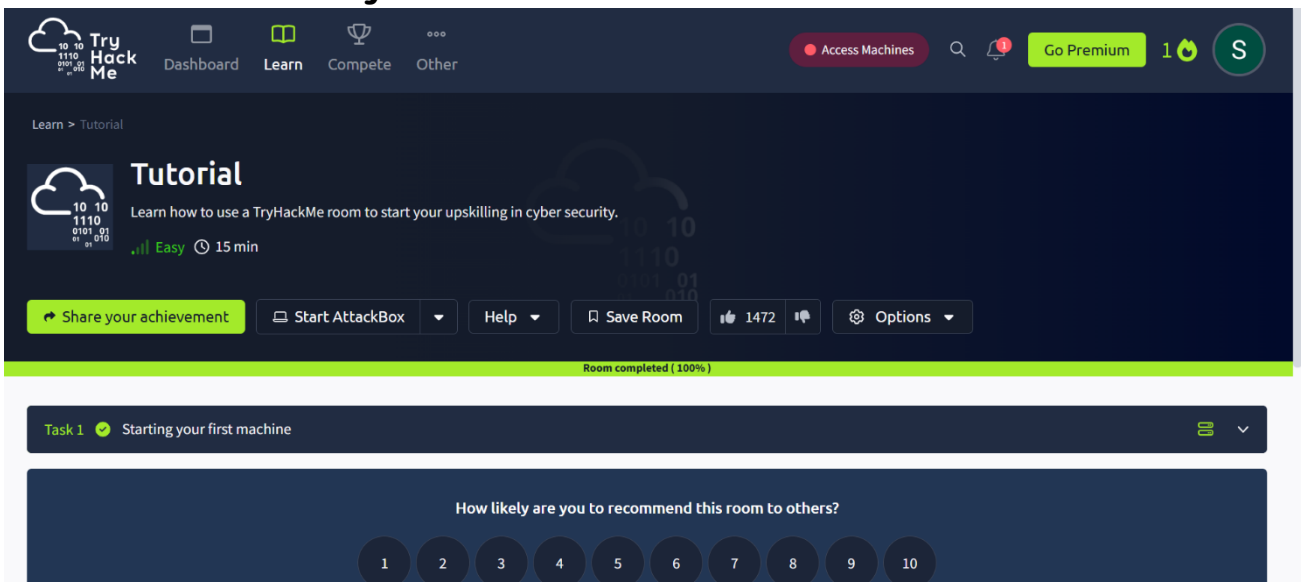
Walkthrough / How You Solved It

- Navigated the welcome content
- Explored links to Beginner and Offensive Security paths

Reflections or Notes

Good motivational and roadmap-based content. Helps set direction.

5.Room Name: TryHackMe Tutorial



Link: https://tryhackme.com/room/tutorial

Learning Objective

To gain practical exposure to using TryHackMe machines, answering tasks, and solving basic labs.

Key Tools/Commands Used

- Terminal (Linux basics)

Concepts Learned

- Navigating Linux directories
- File listing and basic commands (ls, cd, cat)

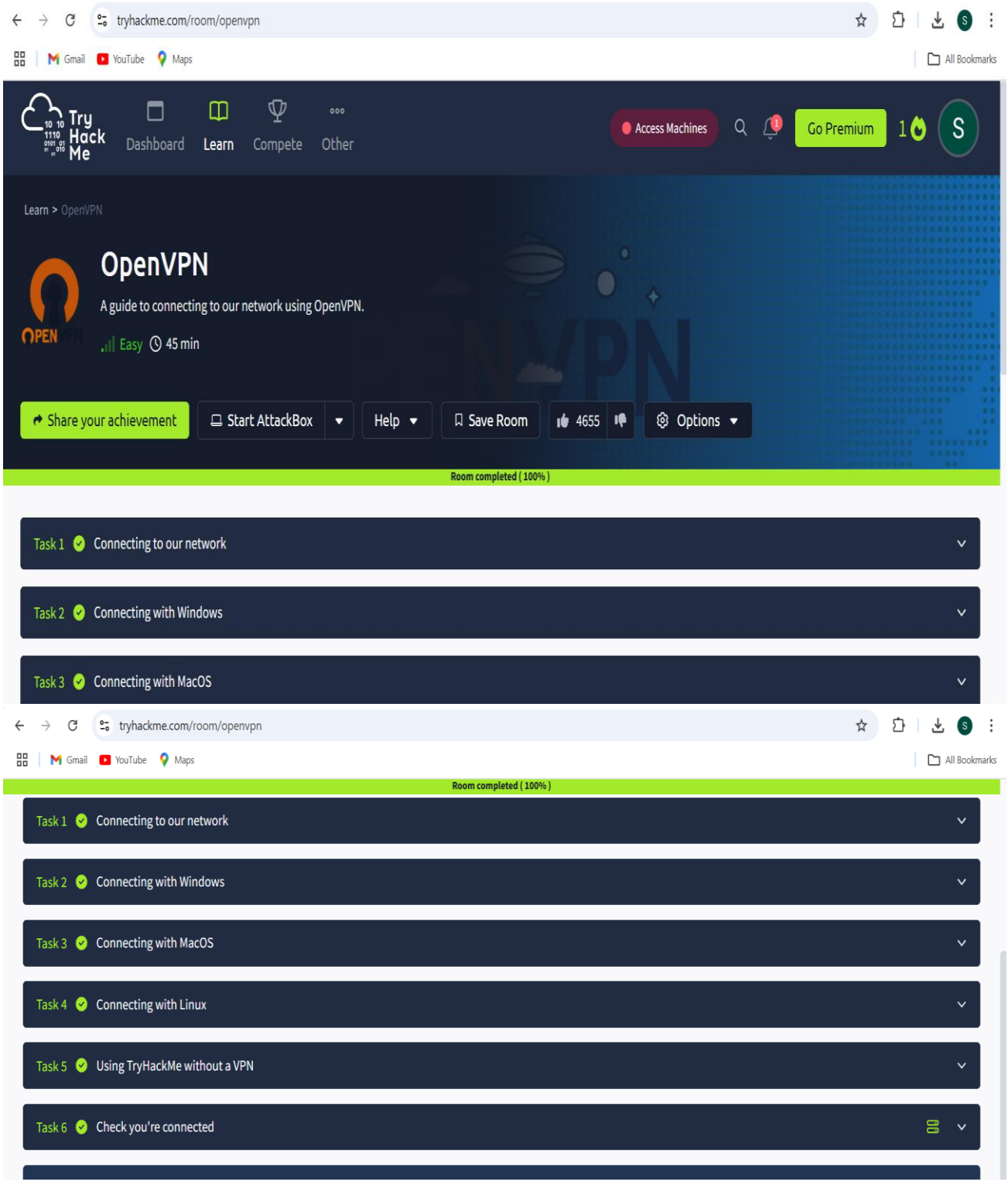
Walkthrough / How You Solved It

- Used built-in VM and terminal
- Solved tasks using Linux commands
- Completed challenges using file inspection

Reflections or Notes

Fun and interactive! Reinforced my Linux basics and showed how tasks can be hands-on.

6.Room Name: OpenVPN Configuration



Link: https://tryhackme.com/room/openvpn

Learning Objective

To properly configure OpenVPN for accessing external machines on TryHackMe.

Key Tools/Commands Used

- **OpenVPN**
- **Terminal**

Concepts Learned

- **How VPN tunnels are established**
- **Troubleshooting VPN connection errors**

Walkthrough / How You Solved It

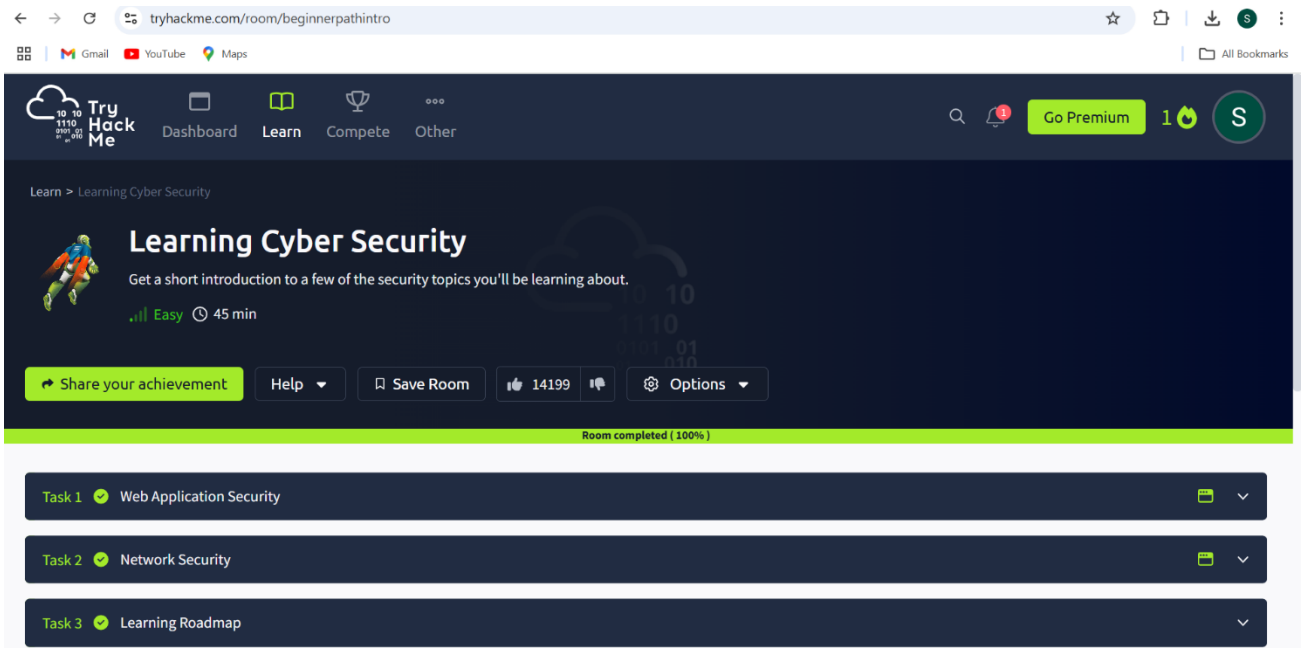
- **Followed exact steps for OpenVPN installation**
- **Used .ovpn config to connect**

- **Verified with ifconfig and ping**

Reflections or Notes

A crucial setup step. Had to retry connection twice due to DNS issues.

7.Room Name: Beginner Path Introduction



Link: https://tryhackme.com/room/beginnerpathintro

Learning Objective

To introduce the structured "Beginner Path" in TryHackMe and its benefits.

Key Tools/Commands Used

- None (Informational only)

Concepts Learned

- The roadmap for beginners in cybersecurity
- Overview of topics like networking, Linux, and hacking

Walkthrough / How You Solved It

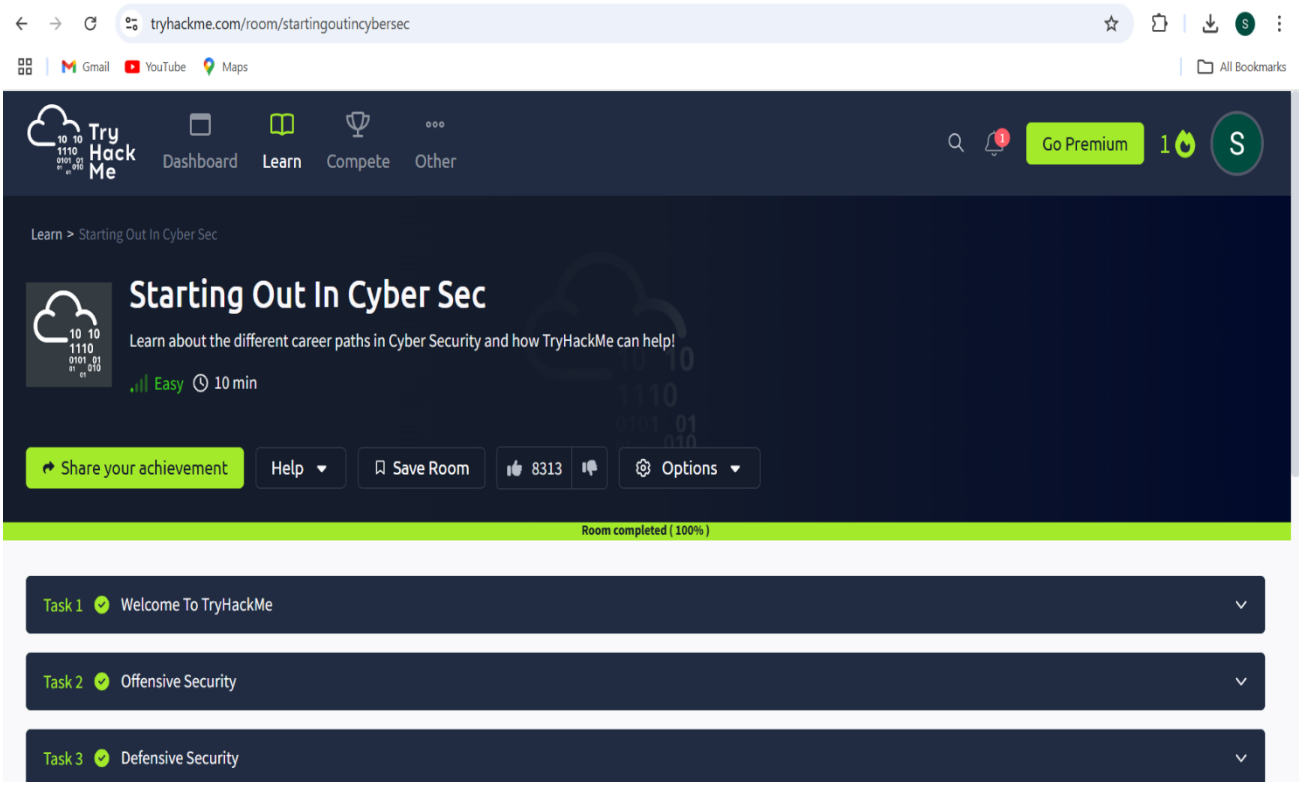
- Read through the room content

Explored path topics and linked rooms

Reflections or Notes

This path makes the learning organized. Motivated to complete the entire Beginner Path.

8.Room Name: Starting Out in Cyber Security



Link: https://tryhackme.com/room/startingoutincybersec

Learning Objective

To explore different career roles and skills in cybersecurity.

Key Tools/Commands Used

- None

Concepts Learned

- Red Team vs Blue Team roles
- Cybersecurity specializations (Penetration Testing, SOC Analyst, etc.)
- Soft skills required

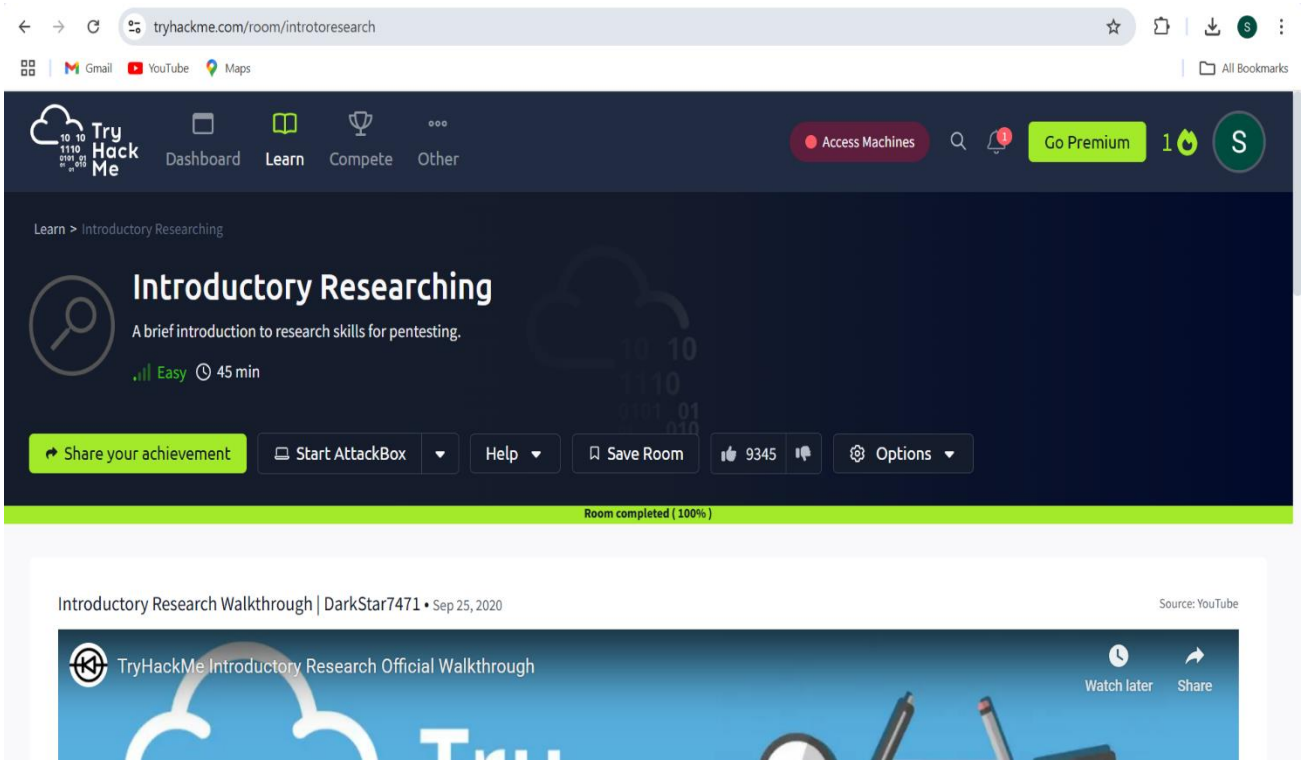
Walkthrough / How You Solved It

- Completed the interactive Q&A format tasks
- Explored job role breakdowns with examples

Reflections or Notes

Great insight into the real-world cybersecurity field. Helped confirm my interest in penetration testing.

9.Room Name: Introduction to Research



Link: https://tryhackme.com/room/introtoresearch

Learning Objective

To develop research skills in cybersecurity, especially when solving problems or learning new tools.

Key Tools/Commands Used

- Google
- Online forums (Reddit, StackOverflow, TryHackMe Discord)

Concepts Learned

- How to perform cybersecurity-related research
- Using the right keywords and sources

Walkthrough / How You Solved It

- **Followed practical scenarios and researched online**
- **Completed tasks by finding external resources**

Reflections or Notes

This room taught how to be self-sufficient and resourceful—key for any cybersecurity learner.