

Cybersecurity Internship Report

Intern Name: Sanika Desai

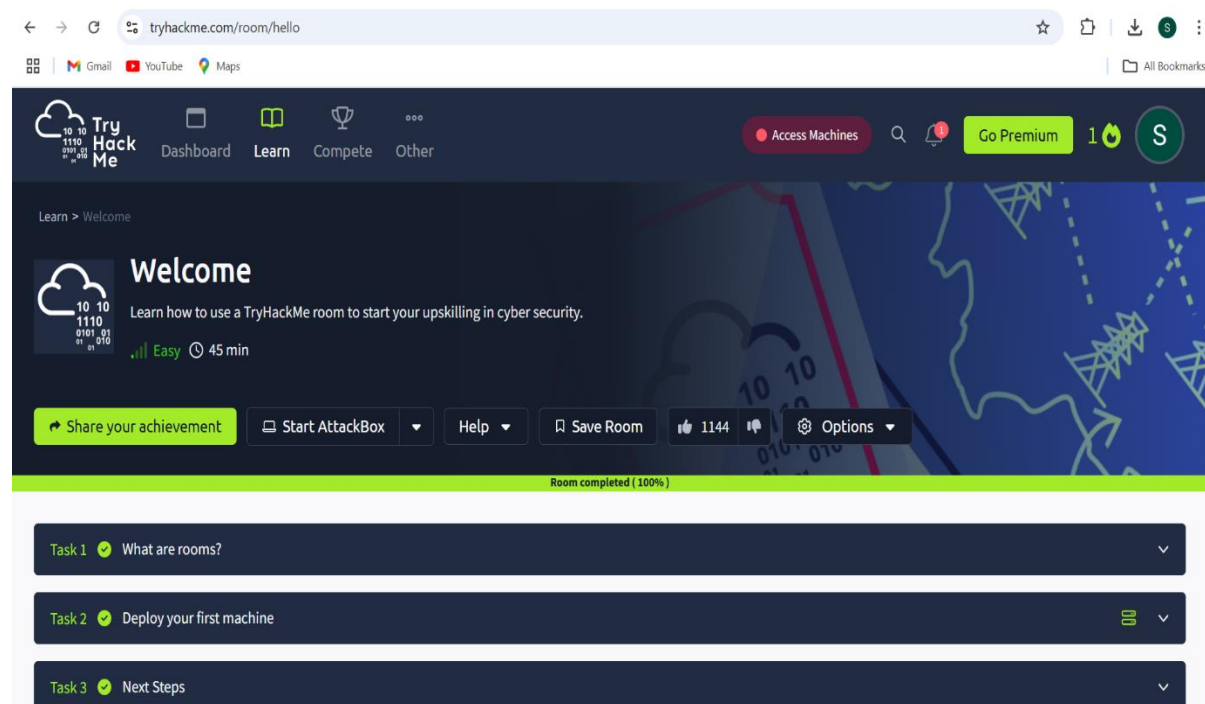
Program: Digisuraksha Parhari Foundation Internship

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)

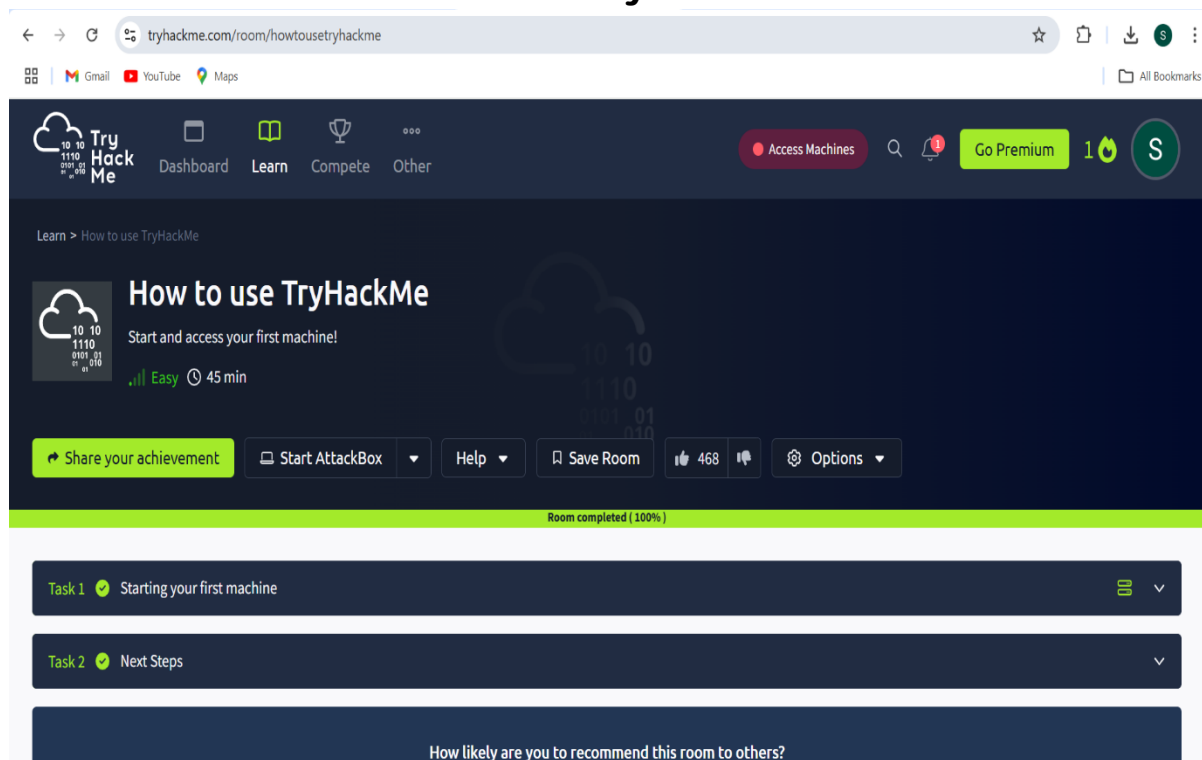
Walkthrough / How You Solved It

- 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

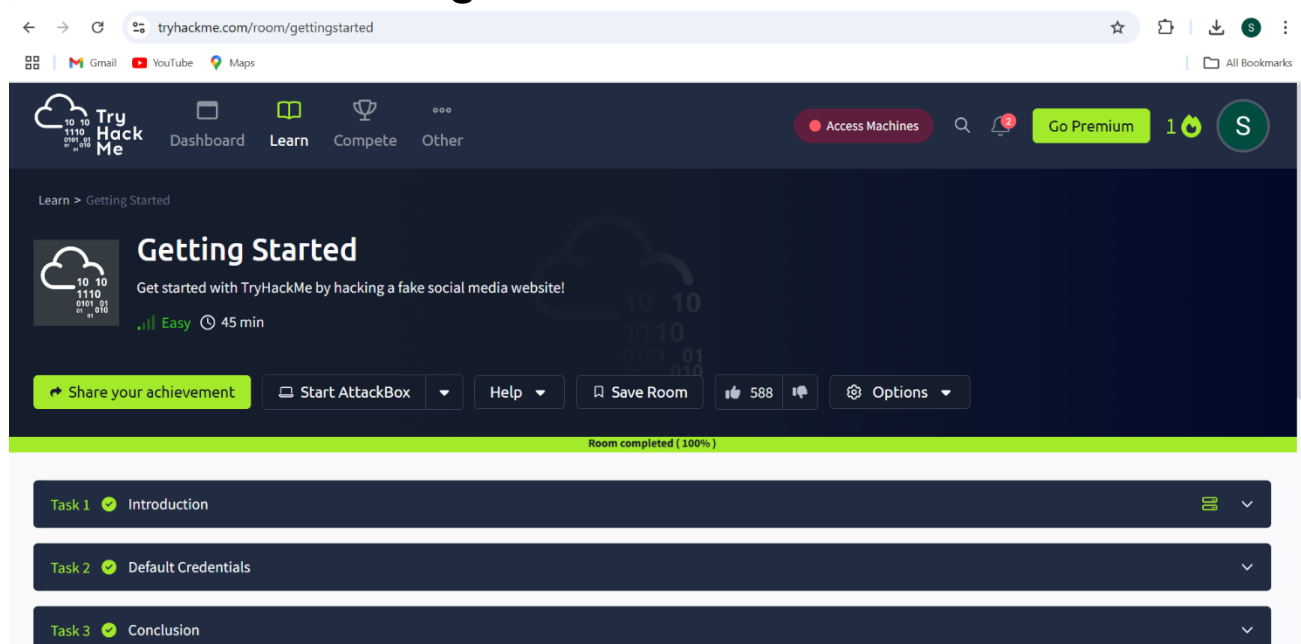
Walkthrough / How You Solved It

- 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

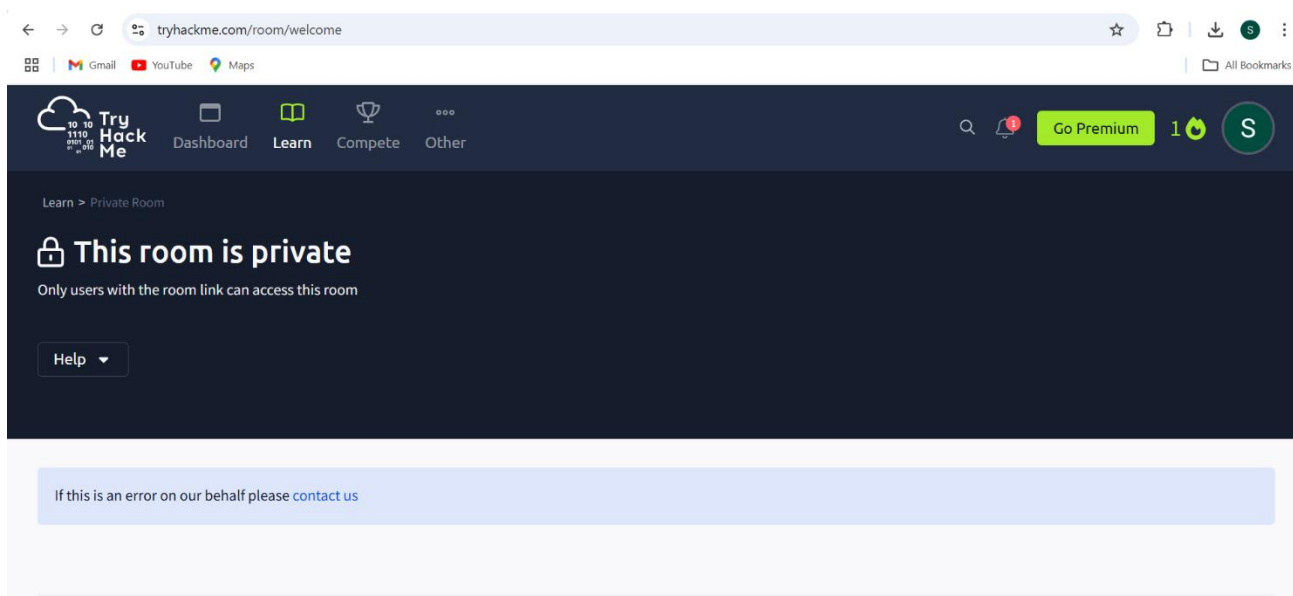
Walkthrough / How You Solved It

- 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

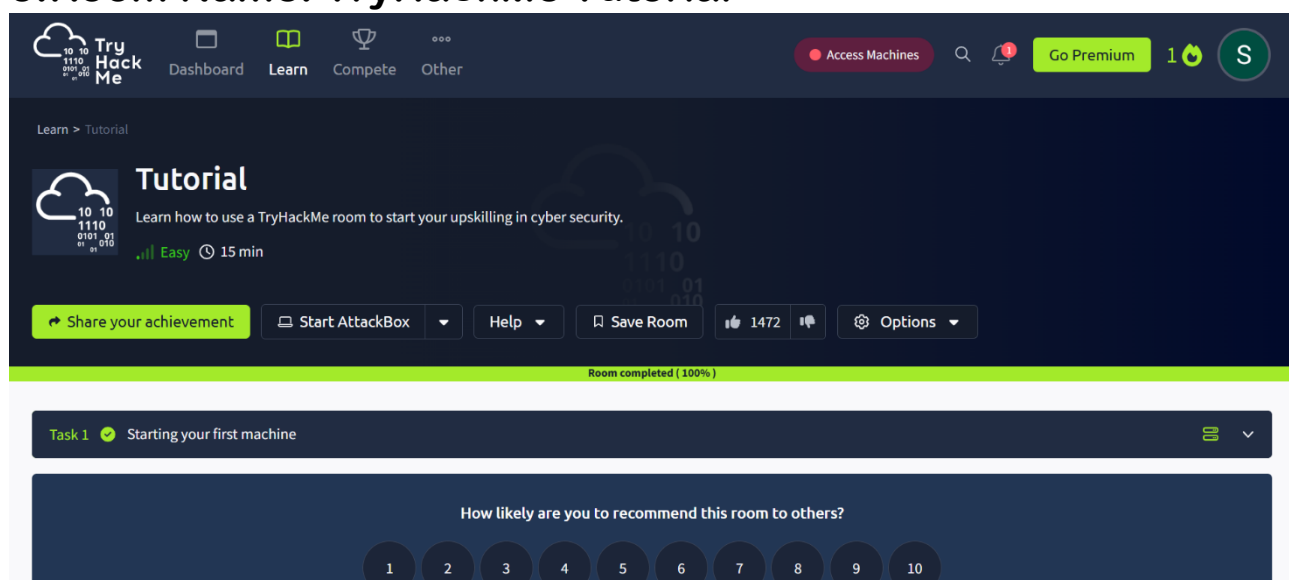
Walkthrough / How You Solved It

- 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

The screenshot displays the TryHackMe interface for the 'OpenVPN' room. The browser address bar shows 'tryhackme.com/room/openvpn'. The page header includes navigation links (Dashboard, Learn, Compete, Other), a search bar, and a 'Go Premium' button. The main content area features the 'OpenVPN' title, a description 'A guide to connecting to our network using OpenVPN.', and a difficulty level of 'Easy' with a 45-minute timer. Below this, a row of buttons includes 'Share your achievement', 'Start AttackBox', 'Help', 'Save Room', a like count of 4655, and an 'Options' dropdown. A green progress bar at the bottom of the header indicates 'Room completed (100%)'. The task list on the left shows six tasks, all marked as completed with green checkmarks: Task 1 (Connecting to our network), Task 2 (Connecting with Windows), Task 3 (Connecting with MacOS), Task 4 (Connecting with Linux), Task 5 (Using TryHackMe without a VPN), and Task 6 (Check you're connected). The bottom of the page shows a continuation of the task list.

tryhackme.com/room/openvpn

TryHackMe Dashboard Learn Compete Other

Access Machines Search 1 Go Premium 1 S

Learn > OpenVPN

OpenVPN
A guide to connecting to our network using OpenVPN.
Easy 45 min

Share your achievement Start AttackBox Help Save Room 4655 Options

Room completed (100%)

- Task 1 ✓ Connecting to our network
- Task 2 ✓ Connecting with Windows
- Task 3 ✓ Connecting with MacOS
- Task 4 ✓ Connecting with Linux
- Task 5 ✓ Using TryHackMe without a VPN
- Task 6 ✓ Check you're connected

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

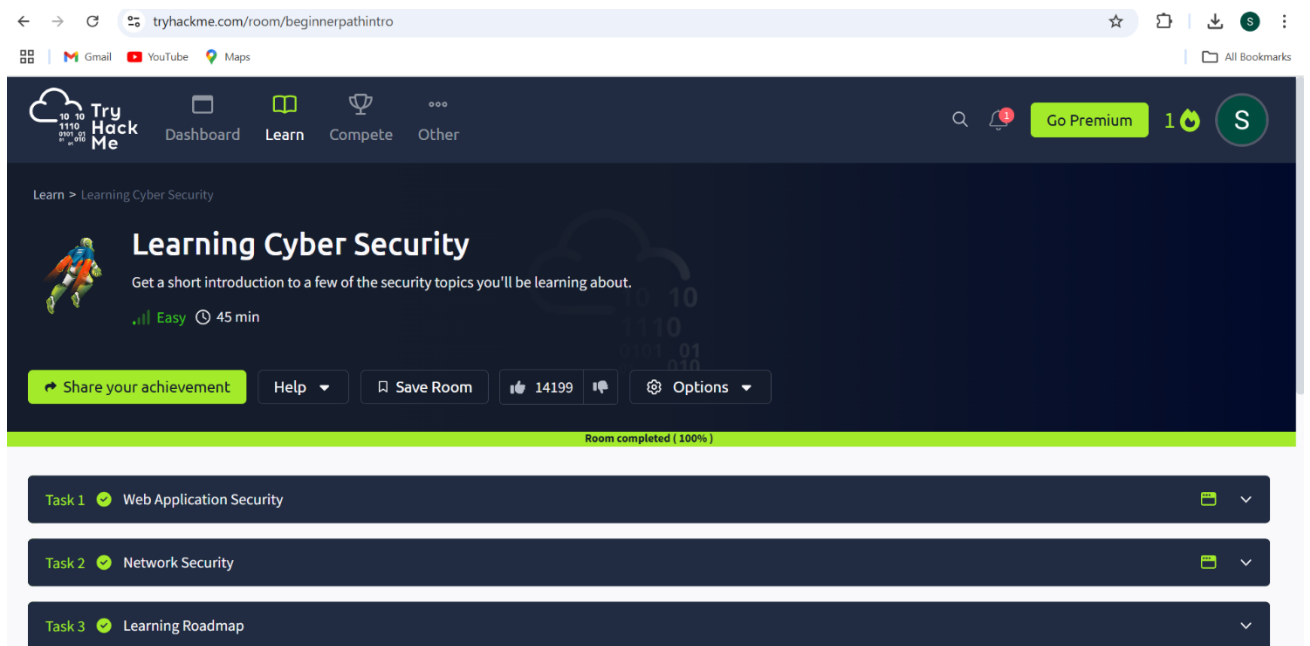
Walkthrough / How You Solved It

- 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

The screenshot displays the TryHackMe interface for the 'Starting Out in Cyber Sec' room. The header includes navigation links like Dashboard, Learn, Compete, and Other, along with a search bar and a 'Go Premium' button. The room title is prominently displayed, followed by a brief description: 'Learn about the different career paths in Cyber Security and how TryHackMe can help!'. Below this, the difficulty is marked as 'Easy' and the estimated time is '10 min'. A row of buttons includes 'Share your achievement', 'Help', 'Save Room', a like count of 8313, and an 'Options' dropdown. At the bottom, a green bar indicates 'Room completed (100%)'. Below this bar, three task cards are visible: 'Task 1: Welcome To TryHackMe', 'Task 2: Offensive Security', and 'Task 3: Defensive Security', each with a green checkmark indicating completion.

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

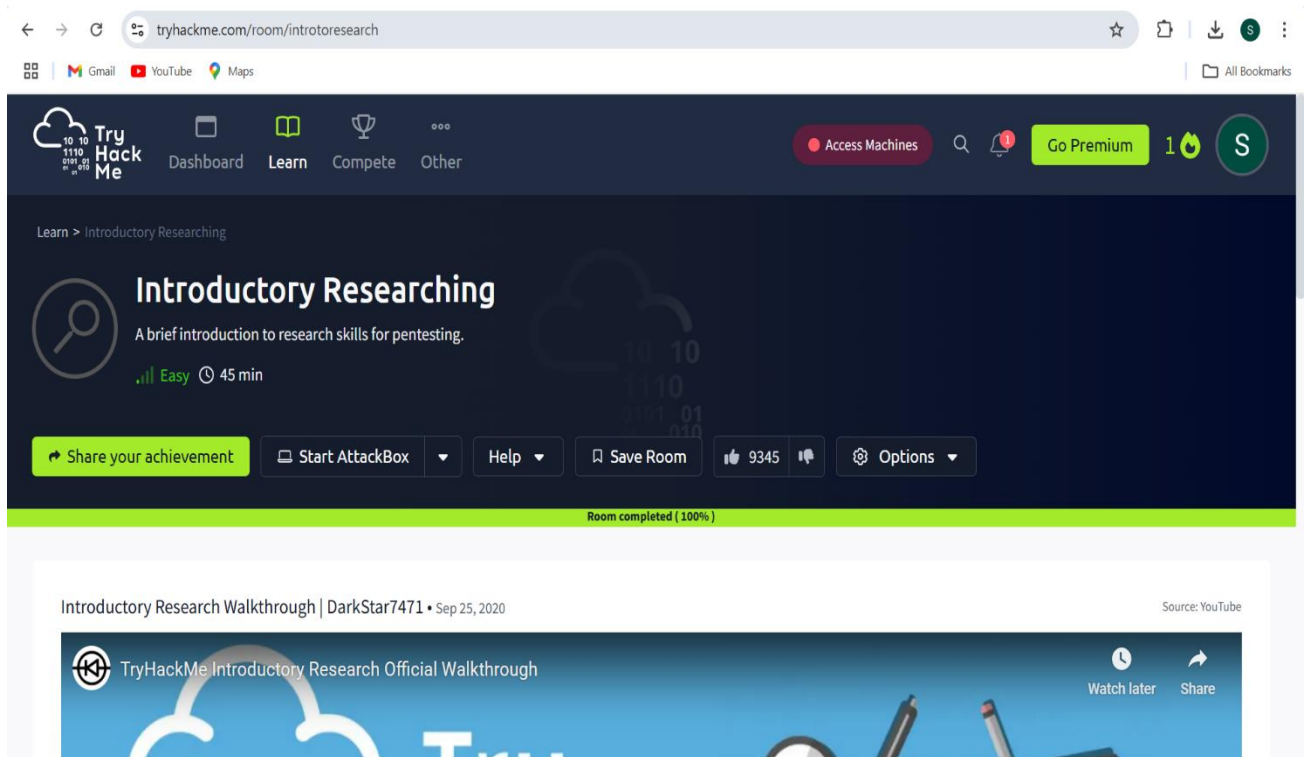
Walkthrough / How You Solved It

- 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.

