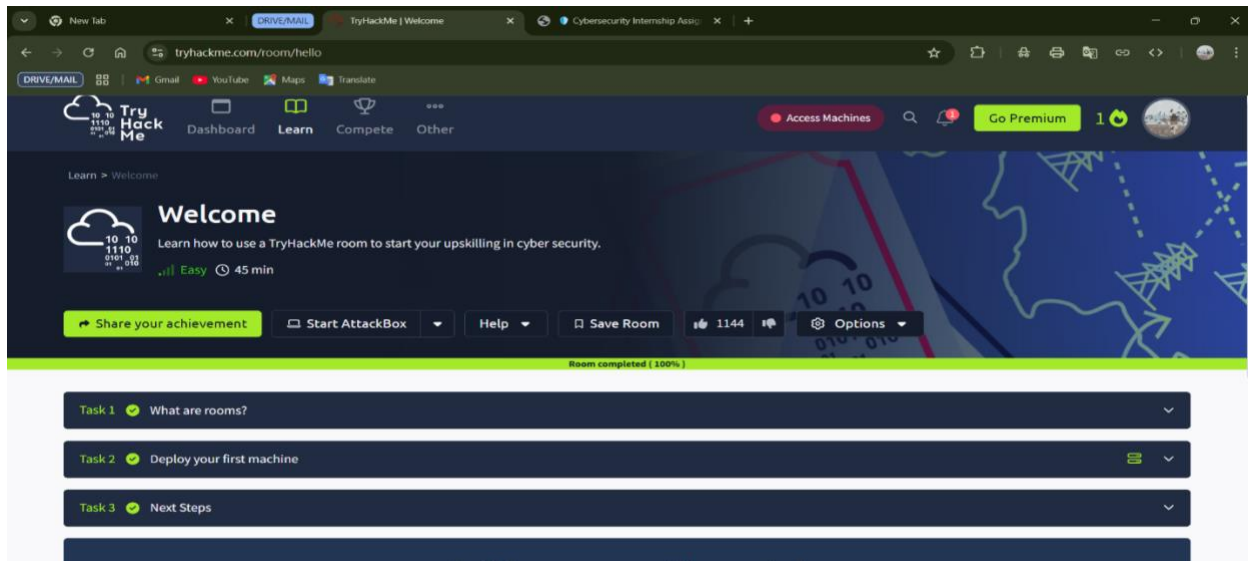


Cybersecurity Internship Assignment — TryHackMe Introductory Labs

Intern Name: Nidhi Adhikari

1. Room Name:



 **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

- Web Browser: Used to access the TryHackMe platform.
- TryHackMe Dashboard: Explored the interface and features.
- Basic Navigation Commands: Learned how to move through rooms and access content.

Concepts Learned

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

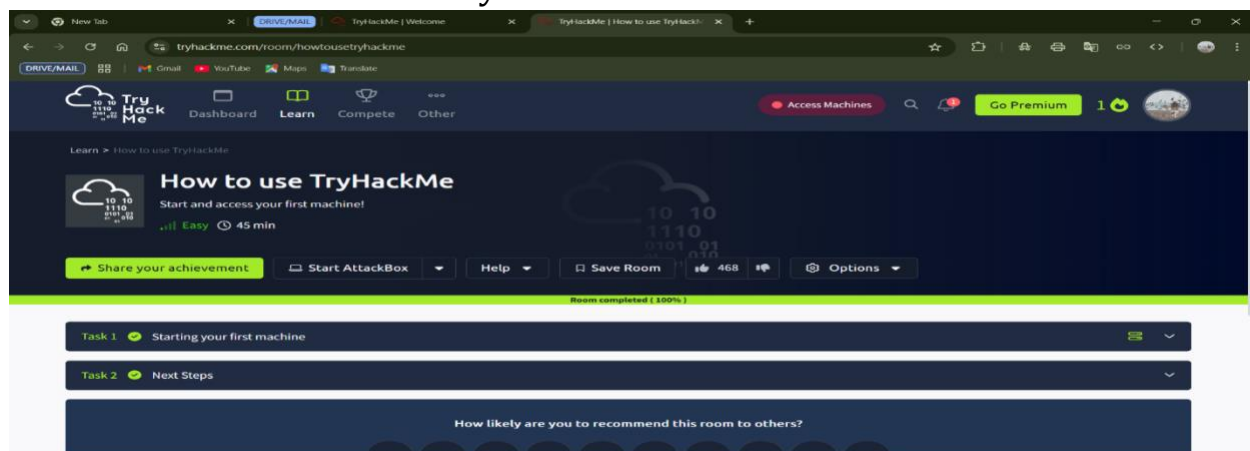
Q Walkthrough / How You Solved It

- 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

- The "Hello World" room is an excellent starting point for beginners in cybersecurity. It simplifies complex concepts and provides a user-friendly interface for learning.
- It highlights the importance of hands-on practice in building foundational skills.

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 Dashboard: Explored the main interface and its components.
- Interactive Labs: Learned how to access and interact with virtual machines (VMs) and tasks.
- VPN Configuration: Understood the basics of connecting to the platform securely using OpenVPN.

Concepts Learned

1. Platform Features: Overview of TryHackMe's core functionalities, including learning paths, challenges, and leaderboards. Introduction to gamified elements like earning points and maintaining streaks.
2. Room Navigation: How to join rooms, complete tasks, and submit answers.
Understanding room types such as walkthroughs, challenges, and tutorials.
3. Hands-On Practice: Accessing and using virtual environments for practical exercises.
4. Security Basics: Setting up a secure connection using OpenVPN for accessing remote labs.

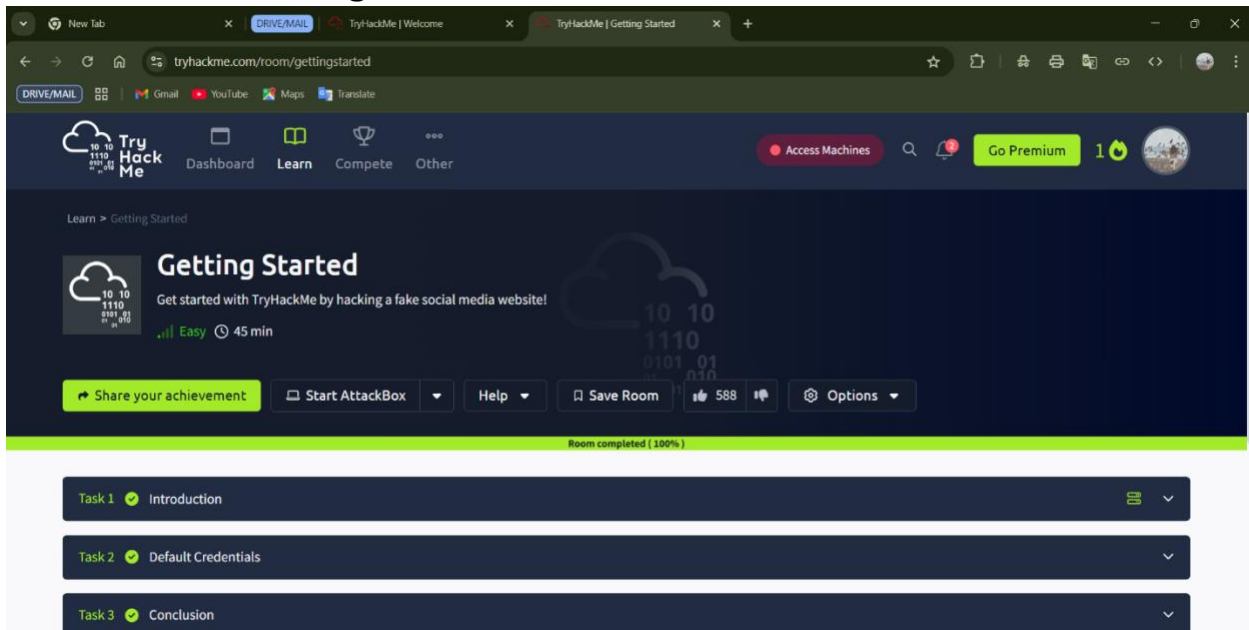
Q Walkthrough / How You Solved It

- 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

The "Getting Started" room on TryHackMe aims to introduce users to the platform's functionality and guide them through the initial steps required to begin their cybersecurity learning journey. It covers essential topics like accessing labs, navigating rooms, and understanding basic cybersecurity concepts.

Key Tools/Commands Used

- OpenVPN
- Terminal/Command Line

Concepts Learned

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

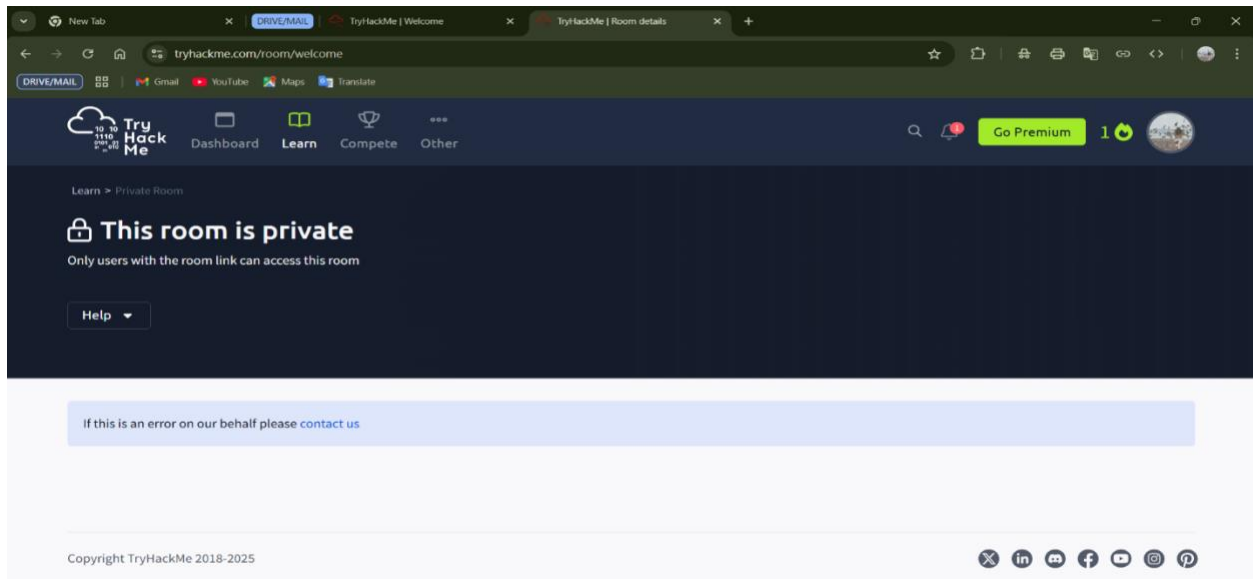
Q Walkthrough / How You Solved It

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

Reflections or Notes

- The "Getting Started" room is a valuable resource for beginners, providing clear guidance on using TryHackMe effectively.
- It emphasizes hands-on practice, which is crucial for building foundational cybersecurity skills.
- The gamified approach makes learning engaging while fostering a competitive spirit.

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

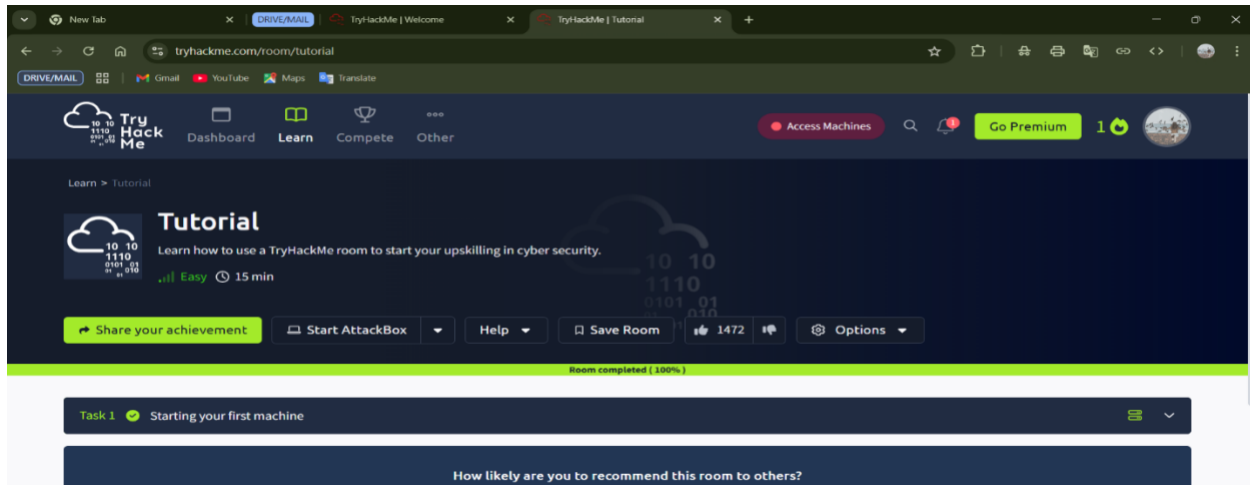
Q Walkthrough / How You Solved It

- 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)

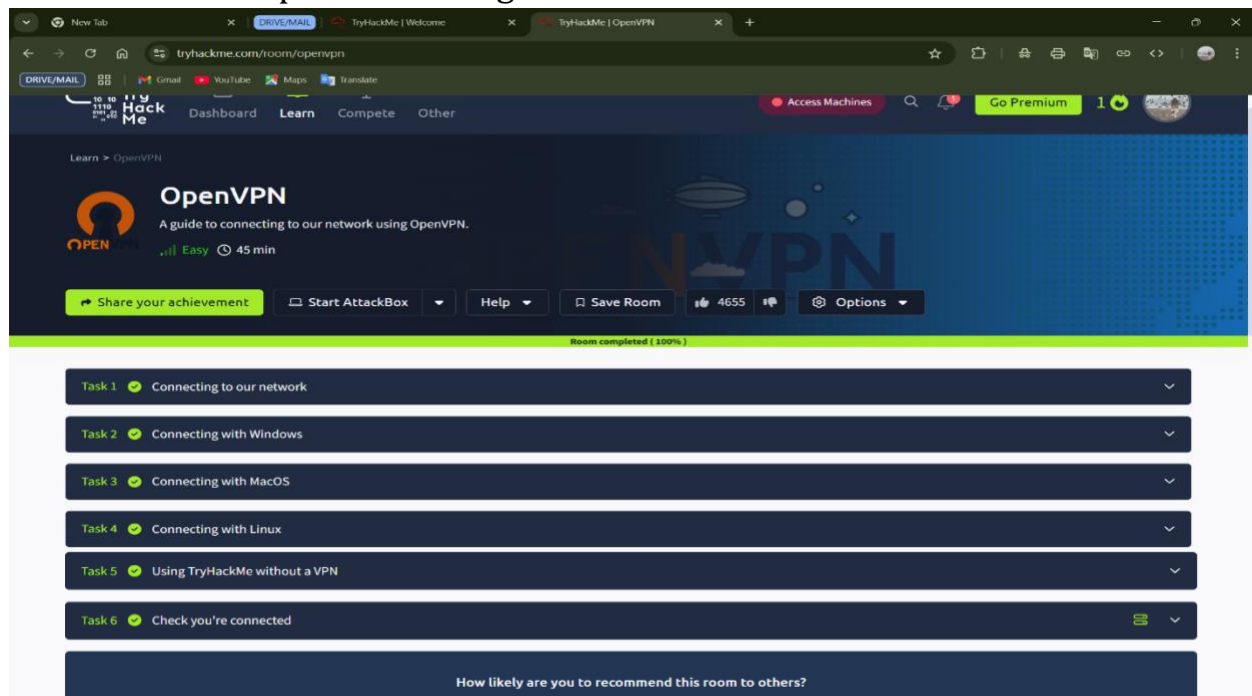
Q Walkthrough / How You Solved It

- 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

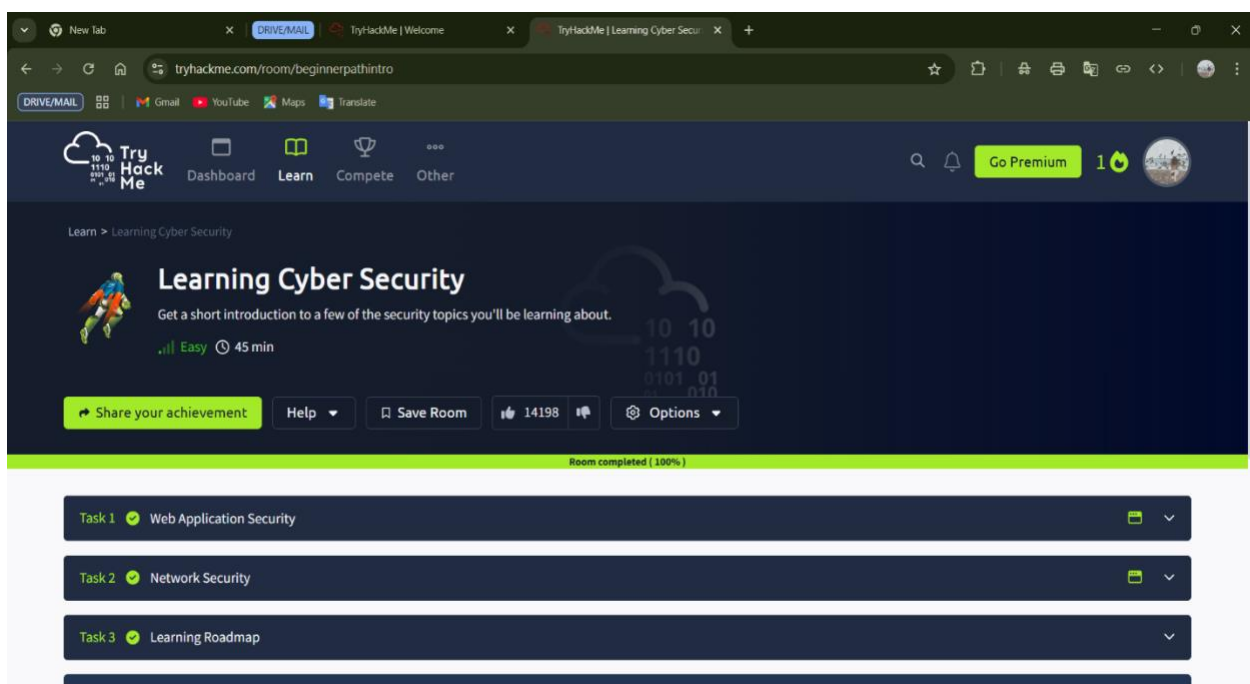
Q Walkthrough / How You Solved It

- Followed exact steps for OpenVPN installation
- Used `.ovpnconfig` to connect
- Verified with `ifconfig` and `ping`

• Reflections or Notes

- This room is crucial for ensuring secure access to TryHackMe's labs and resources.
- It provides hands-on experience in configuring and verifying VPN connections, which is an essential skill in cybersecurity.
- Understanding how to troubleshoot VPN issues is valuable for maintaining a stable and secure connection.

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

- TryHackMe Learning Paths: Navigating and understanding the structure of learning paths.
- Module Overviews: Reviewing the content and objectives of different modules within the path.

- Room Previews: Exploring individual rooms and tasks included in the beginner path.

Concepts Learned

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

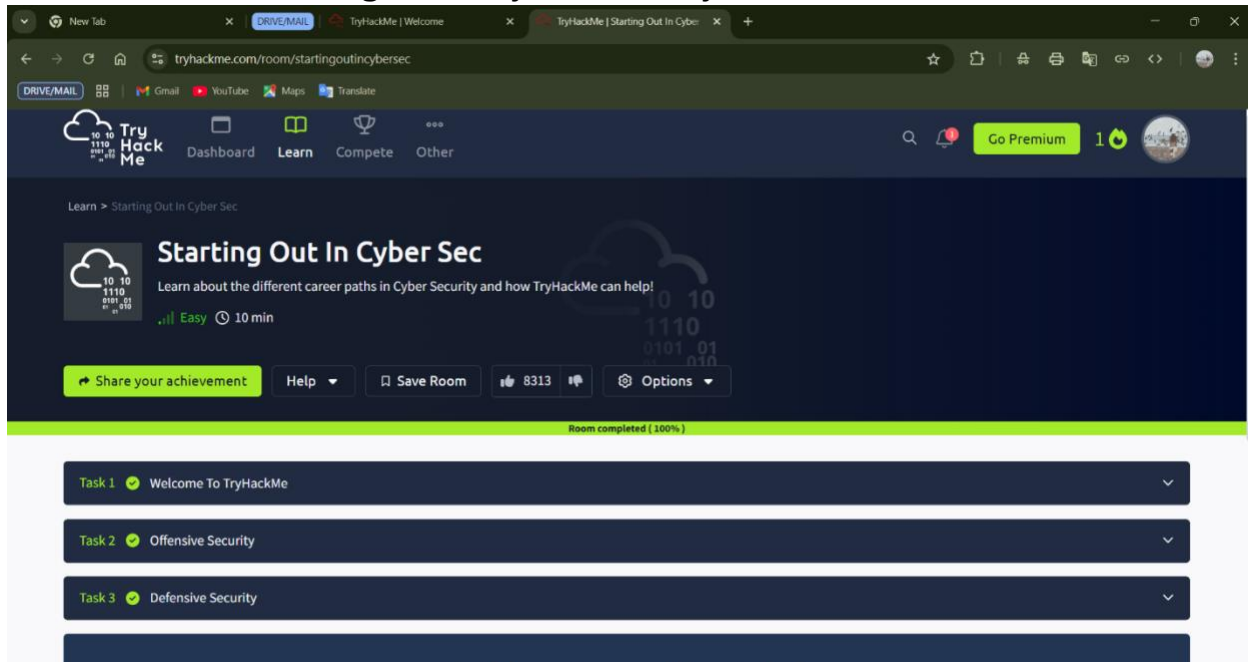
Q Walkthrough / How You Solved It

- Read through the room content
- Explored path topics and linked rooms

• Reflections or Notes

- This room provides a valuable roadmap for users starting their cybersecurity journey on TryHackMe.
- It highlights the structured approach of the beginner path, ensuring a solid foundation in essential cybersecurity concepts.
- Understanding the path's content and objectives is crucial for effectively progressing through the modules and developing key skills.

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

- TryHackMe Learning Paths: Exploring different learning paths relevant to various cybersecurity roles.
- Cybersecurity Role Descriptions: Reviewing the responsibilities and requirements of different roles.
- Skill Assessments: Identifying key skills needed for specific cybersecurity positions.

Concepts Learned

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

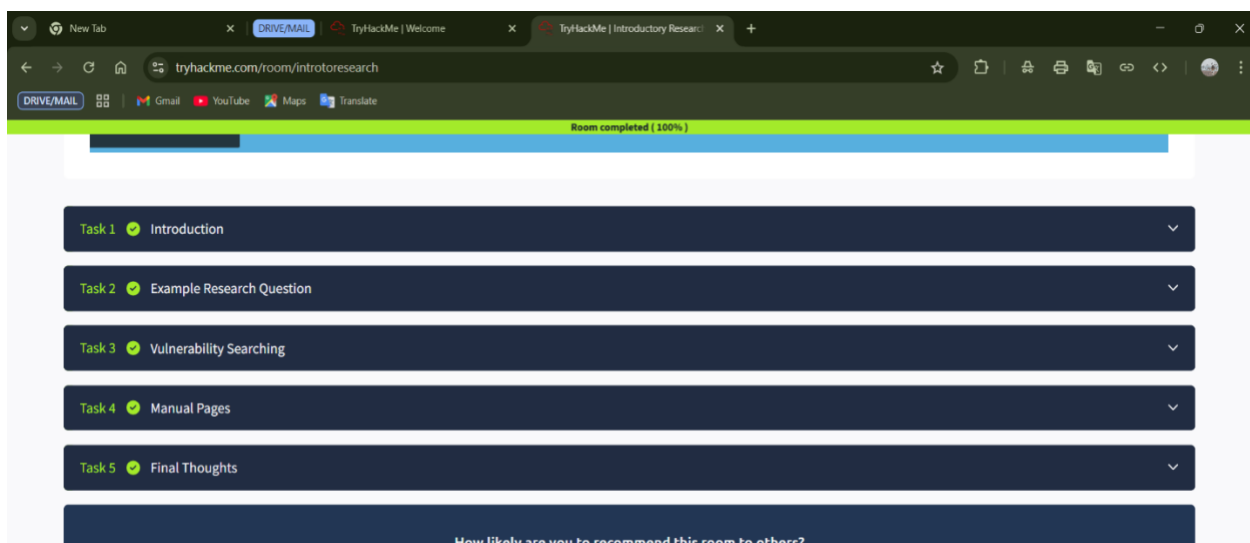
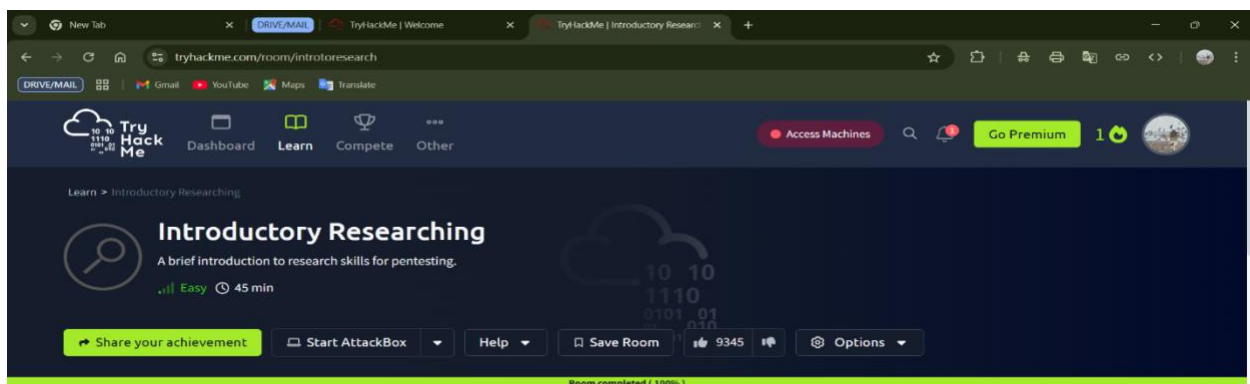
Q Walkthrough / How You Solved It

- 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

Q Walkthrough / How You Solved It

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

Reflections or Notes

- This room is crucial for developing essential research skills needed for any cybersecurity professional.
- It highlights the importance of effective searching, evaluating sources, and utilizing databases to gather reliable information.
- Mastering these skills is fundamental for staying informed about emerging threats, vulnerabilities, and
- security best practices.