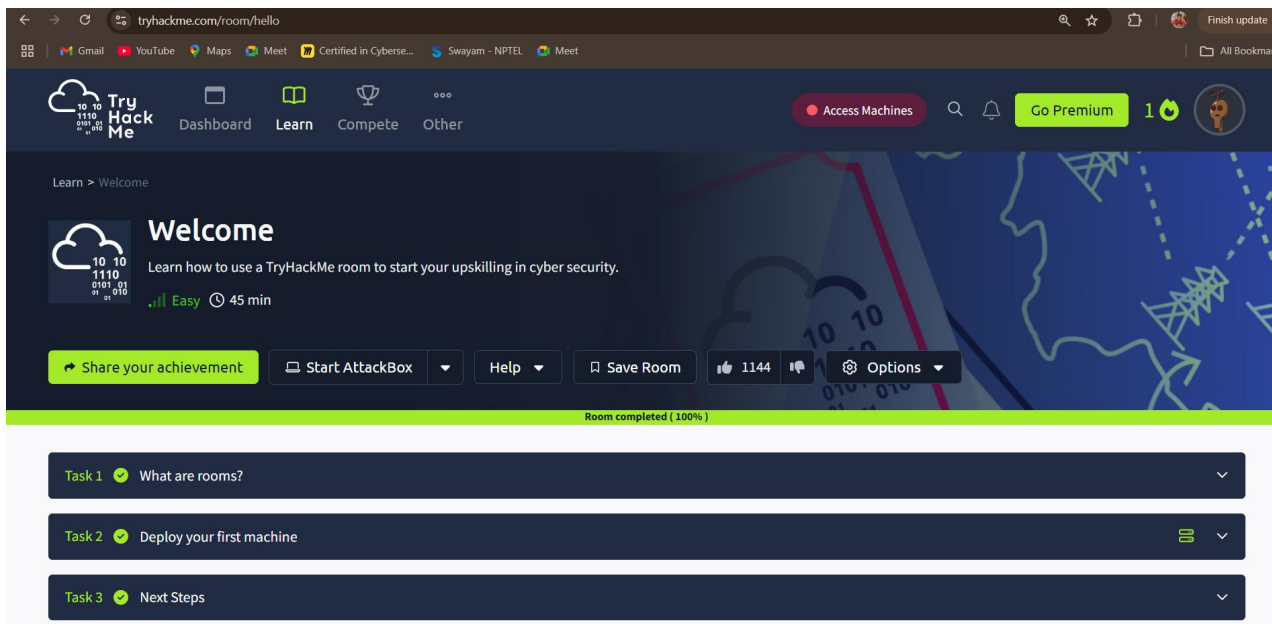# Cybersecurity Internship Assignment — TryHackMe Introductory Labs

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Powered by: Infinisec Technologies Pvt. Ltd.

1. Hello World

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

Learning Objective:

- Understand the basic interface and layout of TryHackMe rooms.

Key Tools/Commands Used:

- Browser
- TryHackMe dashboard

Concepts Learned:

- How to navigate TryHackMe
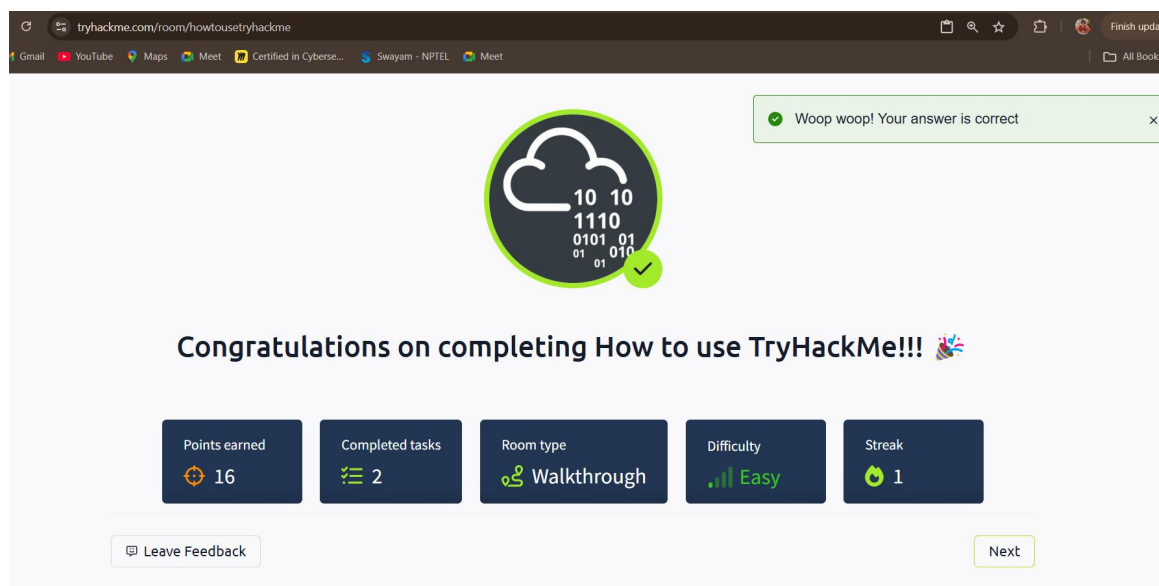- Starting and deploying rooms

Walkthrough / How You Solved It:

- Logged in and clicked the "Deploy" button
- Followed on-screen instructions to complete the room

Reflections or Notes:

- Great introductory room; helped me get comfortable with the platform.

2. How to Use TryHackMe

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

Learning Objective:

- Understand how to use TryHackMe efficiently for learning.

Key Tools/Commands Used:

- In-browser attack box
- Linux terminal basics

Concepts Learned:

- Structure of TryHackMe rooms
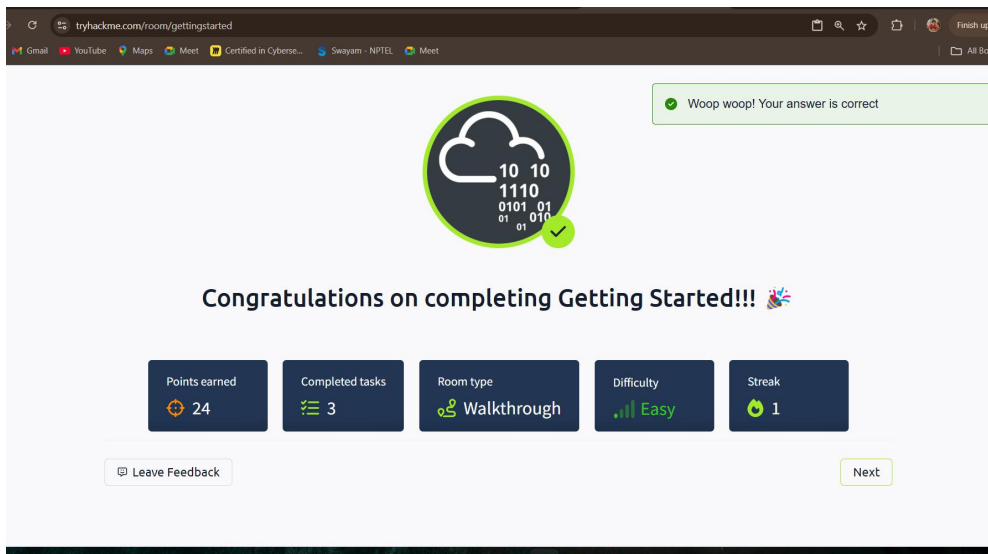- How to submit answers and view progress

Walkthrough / How You Solved It:

- Followed step-by-step instructions provided in the room
- Used the attack box to test commands

Reflections or Notes:

- Learned the value of using the attack box and task navigation.

3. Getting Started

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

Learning Objective:

- Introduce basic cybersecurity lab setup, including starting a machine and answering room questions.

Key Tools/Commands Used:

- TryHackMe VM deployment
- Browser-based interaction

Concepts Learned:

- How to access deployed machines
- Reading and interpreting terminal output
- Submitting flag-based answers

Walkthrough / How You Solved It:

- Deployed machine from the TryHackMe interface
- Followed hints to find flags on the VM
- Submitted answers to unlock tasks

Reflections or Notes:

- This was a hands-on way to practice reading system output and exploring machines.

4. Welcome

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

Learning Objective:

- Get oriented with the TryHackMe community and platform structure.

Key Tools/Commands Used:

- TryHackMe Dashboard
- Chat and Discussion forums

Concepts Learned:

- How learning paths and rooms are organized
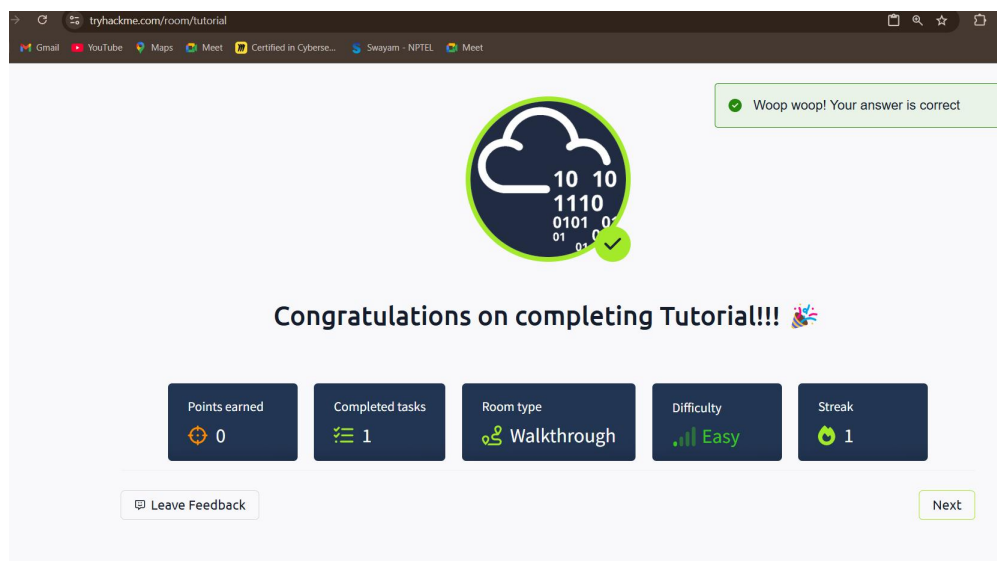- Benefits of community engagement

Walkthrough / How You Solved It:

- Explored the platform sections: Learning Paths, Challenges, etc.
- Completed small tasks related to the site features

Reflections or Notes:

- Understanding the ecosystem of TryHackMe helps in staying consistent with learning.

5. TryHackMe Tutorial

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

Learning Objective:

- Learn to use a machine to access challenges, and get comfortable with answering questions.

Key Tools/Commands Used:

- In-browser attack box
- Linux CLI: cd, ls, cat

Concepts Learned:

- Navigating Linux directory structures
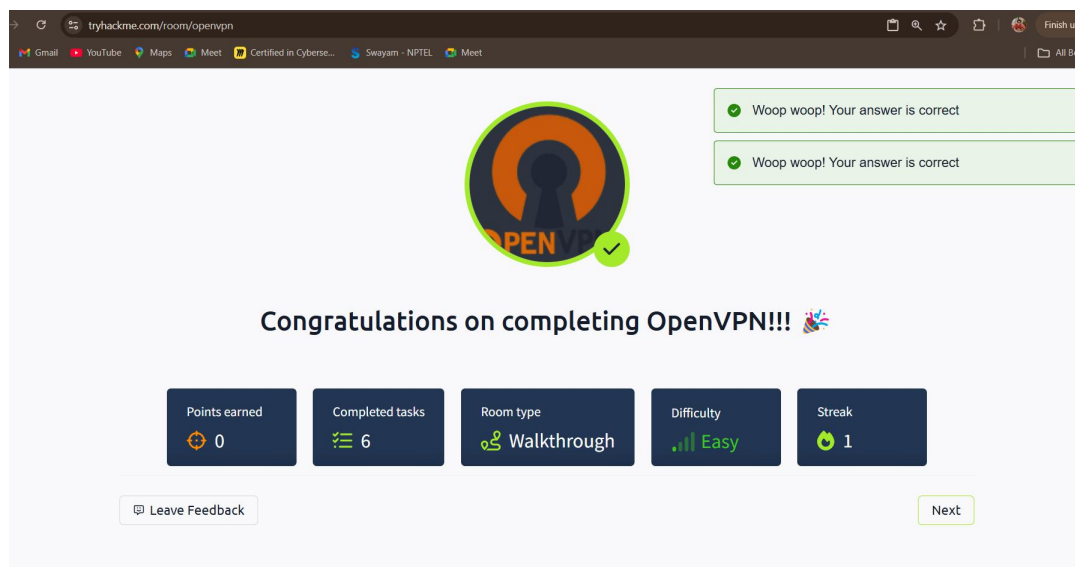- Basic file reading and terminal usage

Walkthrough / How You Solved It:

- Used the terminal to move around directories
- Located hidden files and read them with `cat`

Reflections or Notes:

- Very beginner-friendly intro to basic command-line operations.

6. OpenVPN Configuration

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

Learning Objective:

- Understand how to set up OpenVPN to connect your local machine to TryHackMe.

Key Tools/Commands Used:

- openvpn <filename>.ovpn
- Terminal and .ovpn config files

Concepts Learned:

- Downloading VPN config files
- Connecting via OpenVPN
- Troubleshooting connection issues

Walkthrough / How You Solved It:

- Downloaded the OpenVPN file from THM
- Ran OpenVPN from terminal and waited for confirmation
- Verified connection by pinging THM machines

Reflections or Notes:

- Essential for interacting with real-world networks on TryHackMe outside the browser.

7. Beginner Path Introduction

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

Learning Objective:

- Understand the scope of the Beginner Learning Path and what to expect.

Key Tools/Commands Used:

- TryHackMe dashboard

- Path tracking tools

Concepts Learned:

- Structure of the learning path
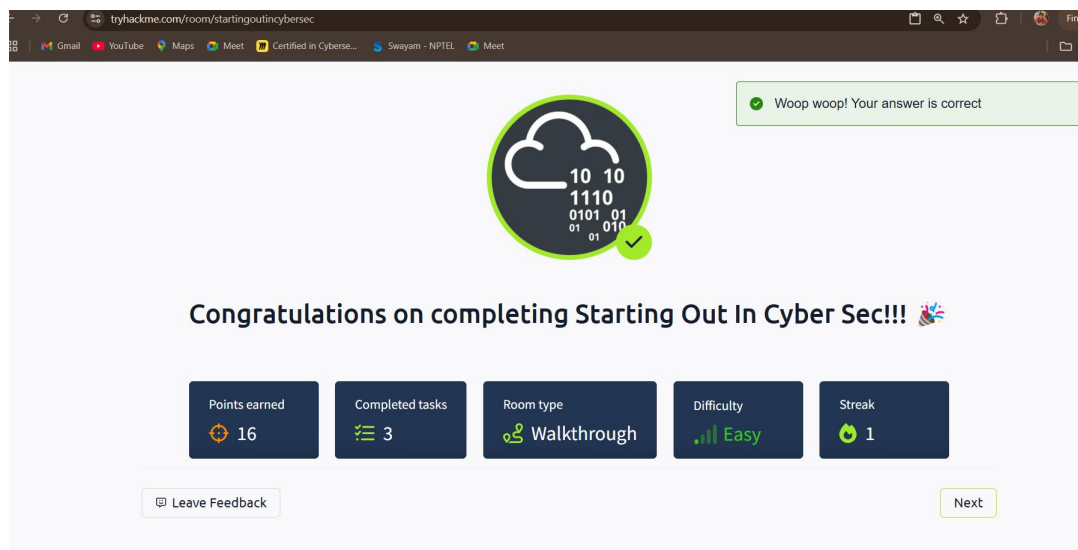- Topics covered: Linux, Networking, Hacking Basics

Walkthrough / How You Solved It:

- Read through the room description
- Reviewed the roadmap for future learning

Reflections or Notes:

- Motivated to go deeper into each area mentioned in the path.

8. Starting Out in Cyber Security

Congratulations on completing Starting Out In Cyber Sec!!! 🎉

Points earned	Completed tasks	Room type	Difficulty	Streak
16	3	Walkthrough	Easy	1

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

Learning Objective:

- Learn about cybersecurity domains and choose a path based on interest.

Key Tools/Commands Used:

- Browser-based reading

- Pathway quizzes

Concepts Learned:

- Difference between Red Team, Blue Team, and GRC
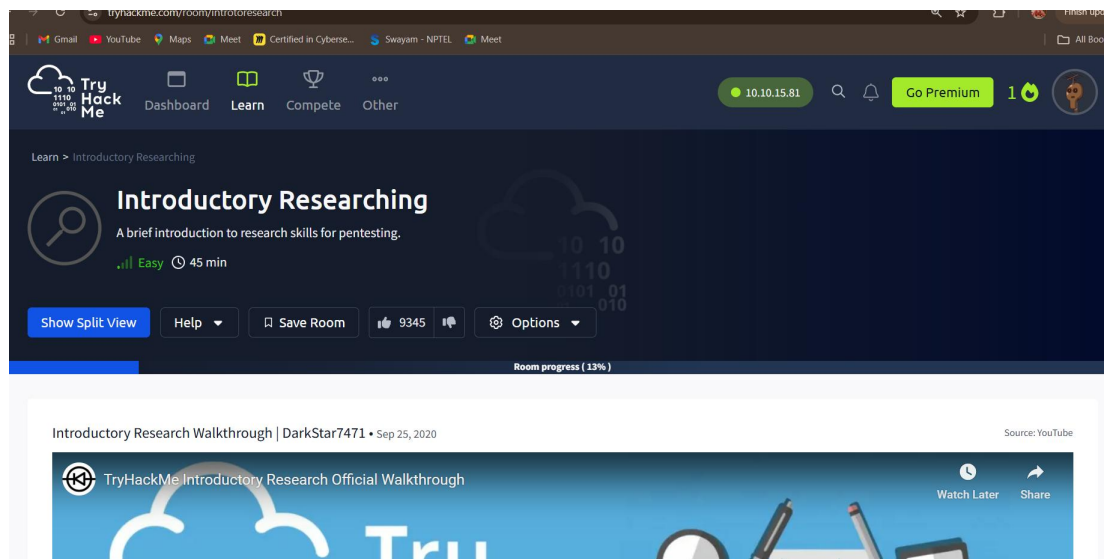- Career options and skills required

Walkthrough / How You Solved It:

- Went through tasks like roles, skills, tools
- Answered simple quiz-style questions about preferences

Reflections or Notes:

- Helped me realize I enjoy Red Team activities like penetration testing.

9. Introduction to Research

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

Learning Objective:

- Develop research skills to solve unknown technical problems.

Key Tools/Commands Used:

- Google
- TryHackMe Hints
- man pages / official documentation

Concepts Learned:

- How to effectively search technical issues
- Use of forums like Stack Overflow, Reddit, THM forums

Walkthrough / How You Solved It:

- Practiced looking up unfamiliar terms
- Used hints only after researching manually

Reflections or Notes:

- Research is a powerful tool in cybersecurity—this room reinforced that.