

Cybersecurity Internship Assignment — TryHackMe Introductory Labs

1. Hello world

Hello World

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

Learning Objective:

To understand the TryHackMe platform and verify that the system setup works correctly.

Key Tools/Commands Used:

- Web Browser
- TryHackMe Dashboard

Concepts Learned:

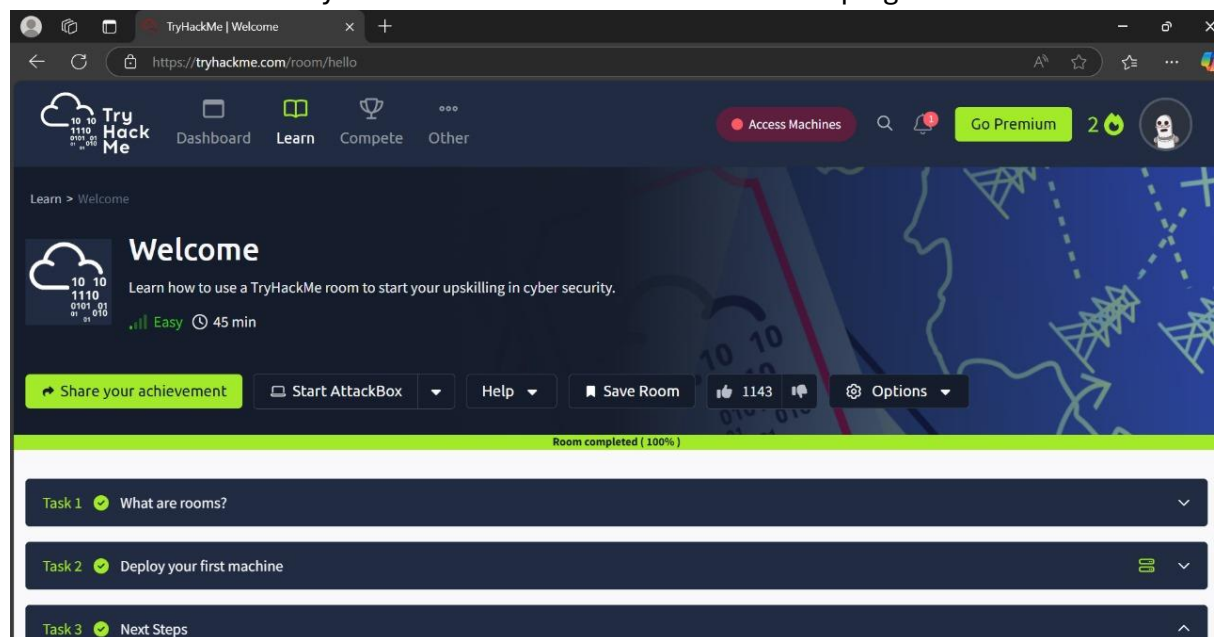
- Basic navigation on TryHackMe
- What a "room" is and how to join one
- How to submit answers and complete tasks

Walkthrough / How You Solved It:

I joined the "Hello World" room by clicking on the "Join Room" button. I followed the step-by-step instructions given, explored the interface, and completed each task by reading the content and entering the answers in the answer boxes.

Reflections or Notes:

This was a smooth and simple introduction to the platform. It helped me get comfortable with how TryHackMe rooms are structured and how progress is tracked.



2. How to use TryHackMe

How to Use TryHackMe

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

Learning Objective:

To learn how to navigate and use the TryHackMe platform effectively, including interacting with rooms, tasks, and deploying virtual machines.

Key Tools/Commands Used:

- TryHackMe Interface
- VM deployment tools
- Web-based terminal (if available)

Concepts Learned:

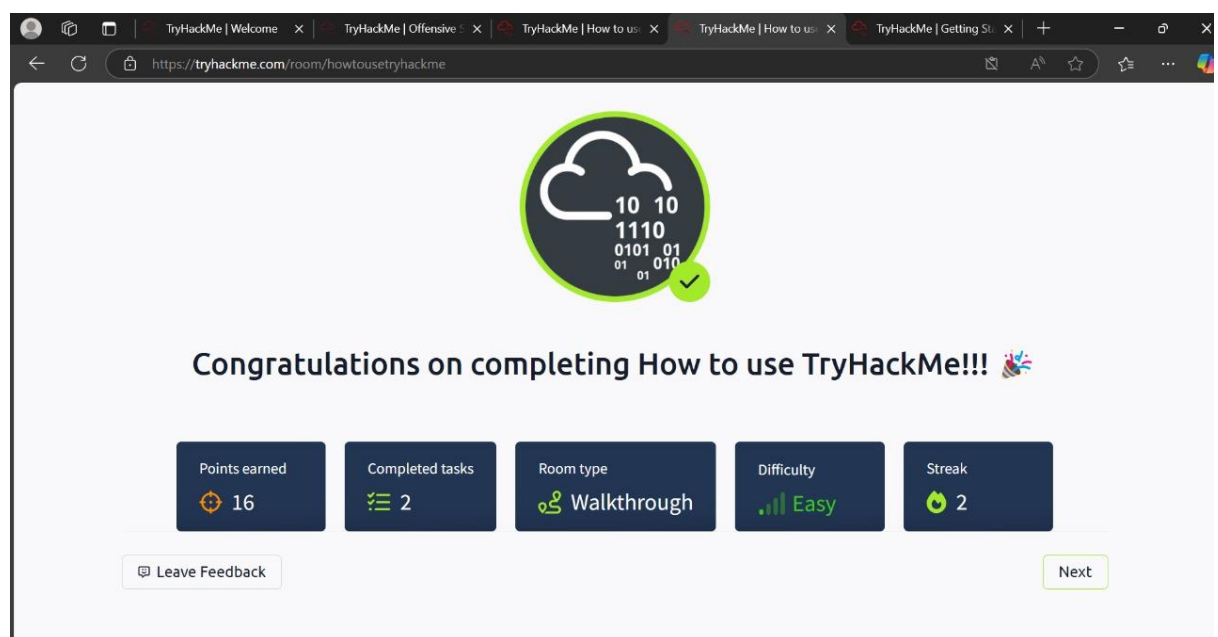
- How to join rooms and view tasks
- Deploying machines and interacting with them
- Understanding room layout: tasks, questions, and answer boxes
- Using hints and verifying answers

Walkthrough / How You Solved It:

I clicked "Join Room," then deployed the machine as instructed. I followed each task step, such as reading the room description, locating buttons and interactive panels, and submitting answers to verify that I understood how the platform works.

Reflections or Notes:

This room was very helpful in building confidence with the TryHackMe environment. It clarified how to navigate tasks and interact with machines for future labs.



3. Getting Started

Getting Started

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

Learning Objective:

To get familiar with TryHackMe's beginner learning paths and understand how to begin the journey into cybersecurity.

Key Tools/Commands Used:

- None specific; mostly reading and understanding the platform structure

Concepts Learned:

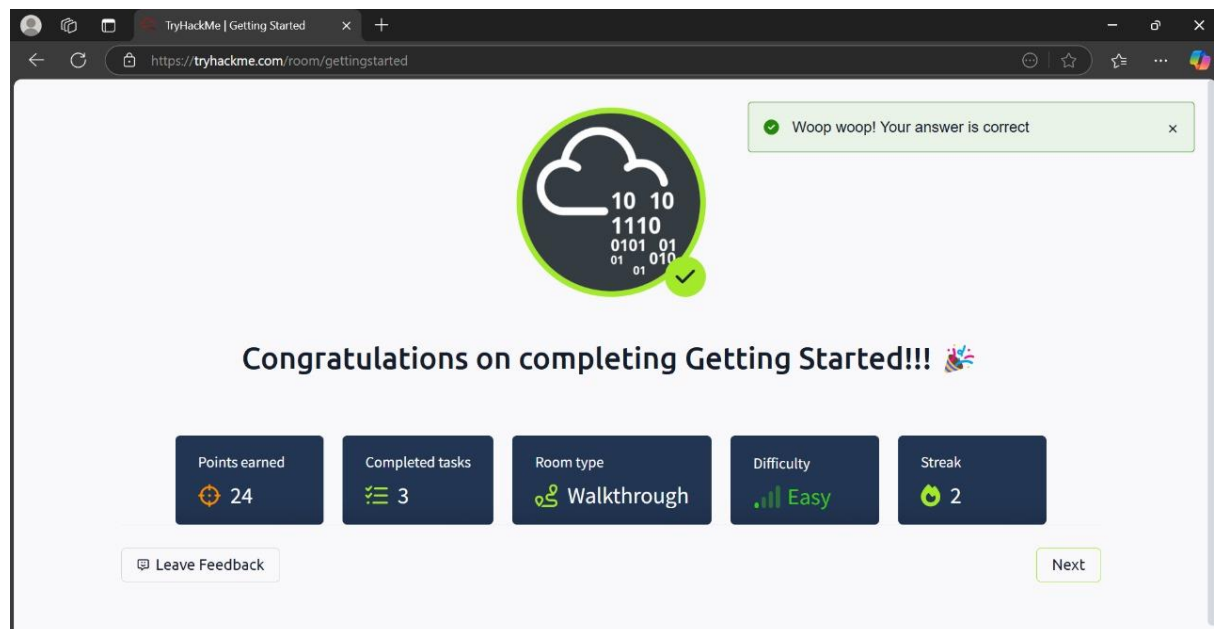
- What learning paths are (e.g., Beginner, Pre-Security, etc.)
- How the rooms are organized into paths
- Importance of foundational learning in cybersecurity

Walkthrough / How You Solved It:

I joined the room, read through each section, and answered questions related to TryHackMe's structure. It introduced the concept of following a path for structured learning. I used the provided learning path links to explore options.

Reflections or Notes:

This room clarified the learning flow and reassured me that I don't need to know everything before starting. The Beginner Path looks like a perfect fit for my level.



4. Welcome

Welcome

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

Learning Objective:

To introduce new users to the TryHackMe community, learning formats, and how to get help or support while progressing through rooms.

Key Tools/Commands Used:

- TryHackMe interface
- Accessing the Community & Discord server
- Navigating learning paths and support options

Concepts Learned:

- How to get community support (Discord, forums, etc.)
- The difference between free and paid content
- Introduction to badges, streaks, and gamification in learning

Walkthrough / How You Solved It:

I read through each task and followed links to explore the community resources. The tasks mainly focused on understanding the ecosystem, earning XP, and tracking progress through learning paths.

Reflections or Notes:

This room helped me feel part of a larger community. I liked the idea of earning badges and maintaining a learning streak — it makes the experience more motivating.

5. TryHackMe Tutorial**TryHackMe Tutorial**

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

Learning Objective:

To guide users through the basic workflow of a TryHackMe room using a hands-on example, including interacting with tasks and virtual machines.

Key Tools/Commands Used:

- Web browser
- TryHackMe in-browser terminal (if enabled)
- Basic command line commands like ls, cat, whoami

Concepts Learned:

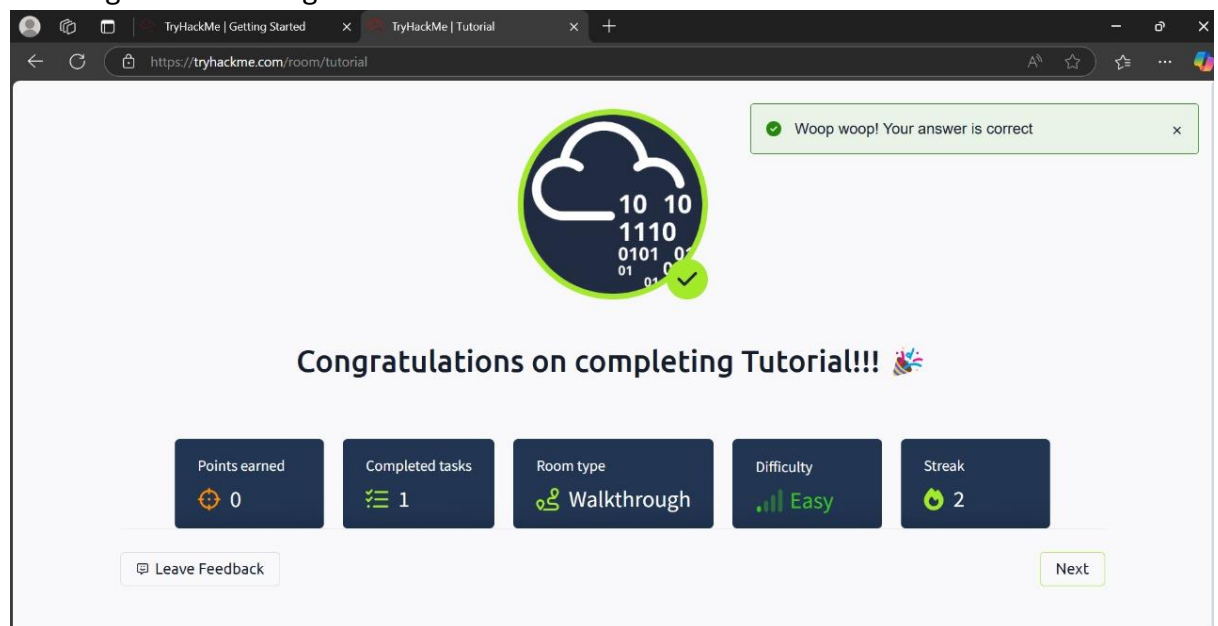
- How to deploy and access machines
- Using a terminal to interact with remote systems
- Reading file contents and navigating directories via CLI
- Answering challenge-based questions

Walkthrough / How You Solved It:

I deployed the machine as instructed, accessed the terminal (via in-browser or VPN), and followed each step. I used commands like ls to list files, cat to read them, and answered the questions based on the data retrieved. The tasks were well-guided and beginner-friendly.

Reflections or Notes:

This was my first experience with using a real machine in TryHackMe, and it felt great to interact with it through the terminal. The tutorial made me feel more confident about handling future challenges.



6. OpenVPN Configuration

OpenVPN Configuration

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

Learning Objective:

To learn how to securely connect to TryHackMe's virtual machines using OpenVPN.

Key Tools/Commands Used:

- OpenVPN
- Command line interface (Linux/Windows/macOS Terminal)
- VPN configuration file (.ovpn)

Concepts Learned:

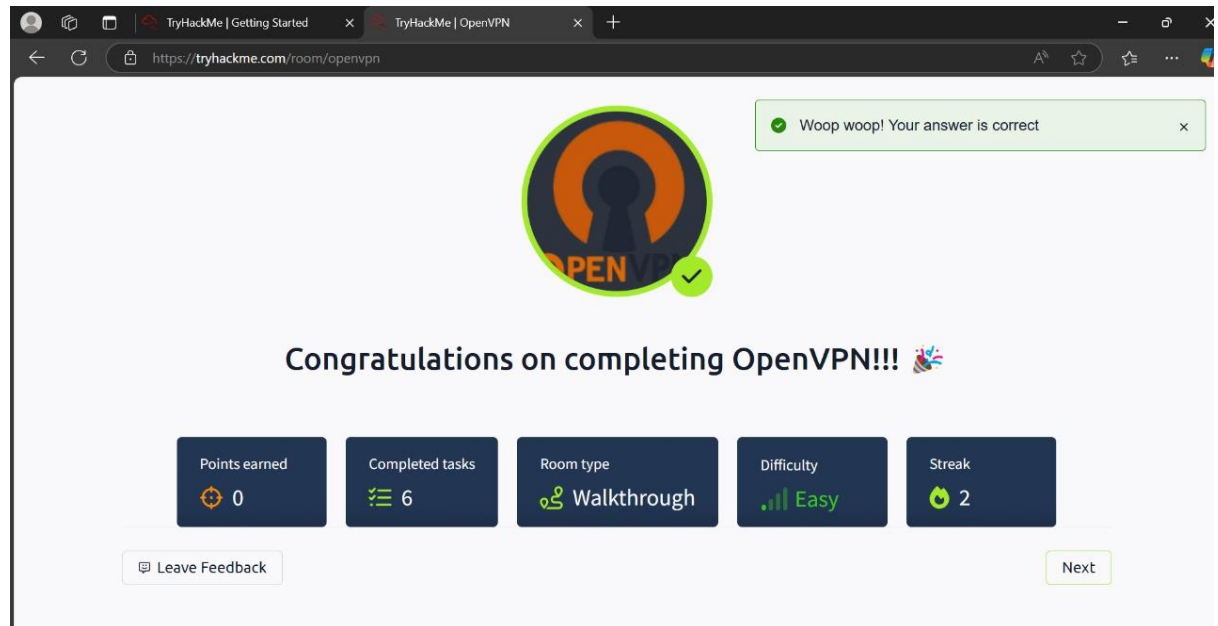
- What a VPN is and why it's important in cybersecurity labs
- How to download and configure OpenVPN
- How to connect to TryHackMe's network using the .ovpn file

Walkthrough / How You Solved It:

I downloaded the .ovpn configuration file from the "Access" section of TryHackMe. Then I installed OpenVPN and used the terminal to run `sudo openvpn <filename>.ovpn`. Once connected, I verified the connection and ensured I could access machines that require a VPN.

Reflections or Notes:

Setting up OpenVPN for the first time was a bit technical, but the step-by-step guide made it manageable. This room is crucial for understanding how to safely interact with remote lab environments.



7. Beginner Path Introduction

Beginner Path Introduction

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

Learning Objective:

To introduce users to the Beginner Path on TryHackMe, outlining the key topics and rooms they'll encounter to build a strong foundation in cybersecurity.

Key Tools/Commands Used:

- None directly, just navigation and reading through the platform

Concepts Learned:

- What's included in the Beginner Path (topics like Linux, Networking, Web, Hacking basics)
- Why structured learning is important
- How to track your progress and earn badges

Walkthrough / How You Solved It:

I joined the room and explored the tasks explaining what the Beginner Path offers. I viewed the modules, saw how they're grouped by skill, and learned how progress is tracked through TryHackMe's platform.

Reflections or Notes:

This room gave me a clear roadmap. It was reassuring to know that the Beginner Path is curated and builds up gradually. I'm excited to continue along this path and unlock new skills step by step.



8. Starting Out in Cyber Security

Starting Out in Cyber Security

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

Learning Objective:

To provide an overview of cybersecurity as a career, including different roles, learning paths, and how to get started in the field.

Key Tools/Commands Used:

- None (informational room)

Concepts Learned:

- The various cybersecurity domains (e.g., pentesting, blue teaming, GRC)
- Typical career paths and job roles in cybersecurity
- Recommended certifications and skills to pursue
- Importance of hands-on learning and practice

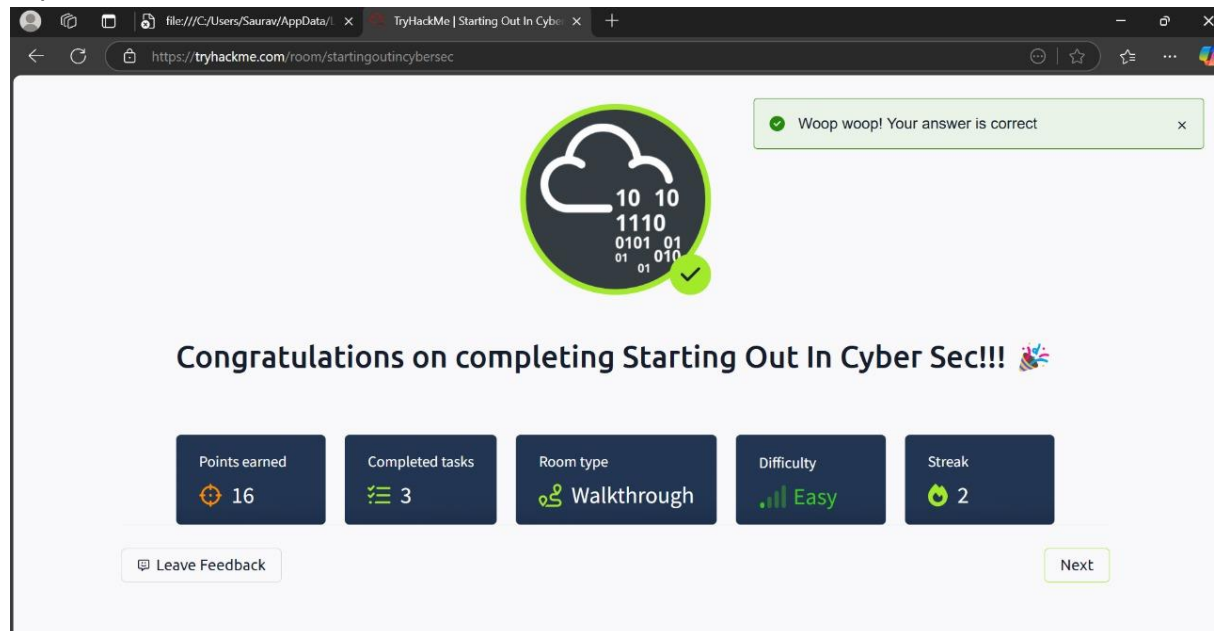
Walkthrough / How You Solved It:

I went through the room task by task, reading each section. I learned about the types of cybersecurity careers, common entry points, and how TryHackMe helps beginners

build a solid foundation. I answered the questions based on what was explained in the content.

Reflections or Notes:

This room was very inspiring. It helped me understand where cybersecurity can take me and how different the paths can be depending on interests. I feel more motivated to explore and discover which area fits me best.



9. Introduction to Research

Introduction to Research

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

Learning Objective:

To teach the importance of research in cybersecurity and introduce basic techniques for finding credible information and solving technical problems independently.

Key Tools/Commands Used:

- Google search
- Documentation websites (e.g., Linux man pages, tool guides)
- TryHackMe search bar
- Forums (like Reddit, Stack Overflow, or InfoSec communities)

Concepts Learned:

- How to research cybersecurity topics effectively
- The value of asking good questions
- How to verify credible sources
- How to approach problems logically before asking for help

Walkthrough / How You Solved It:

I completed each task by reading and reflecting on the scenarios presented. The tasks encouraged me to perform searches on my own, evaluate search results, and practice finding answers without directly being told — which is a key skill in this field.

Reflections or Notes:

This room was a good reminder that not knowing everything is okay — what matters is knowing **how to learn**. Researching is a core skill in cybersecurity, and this room gave me confidence to search, learn, and grow independently.

