

Vineet Kadam_TryHackMeIntro_Report.pdf

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Program: Digisuraksha Parhari

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Room 1: Hello World

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

- **Learning Objective:**

The objective of this room is to give new users a basic understanding of the TryHackMe platform. It introduces the layout of rooms, how to interact with content, and how to navigate through tasks in a structured learning environment.

- **Key Tools/Commands Used:**

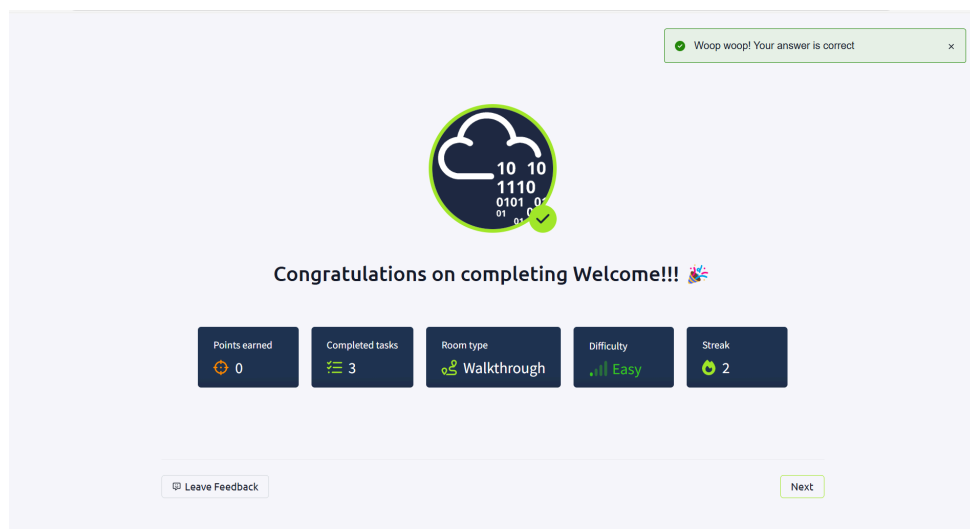
- TryHackMe Web Interface
- Task Navigation Buttons
- Answer Submission Fields

- **Concepts Learned:**

- Introduction to TryHackMe's interactive learning model
- Structure of cybersecurity rooms
- Navigating through guided tasks and answering questions
- Understanding the significance of hands-on practice

- **Walkthrough / How You Solved:**

I began by logging into the TryHackMe platform and navigating to the "Hello World" room. After starting the room, I read through each task carefully, learning about the structure and layout of a room. Each section had brief but important content, followed by simple questions to confirm understanding. I submitted the correct answers and ensured all tasks were marked as complete before exiting the room.



Room 2: How to Use TryHackMe

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

- **Learning Objective:**

This room aims to teach users how to use all major features of the TryHackMe platform, such as deploying machines, accessing in-browser terminals, and submitting answers.

- **Key Tools/Commands Used:**

- Virtual Machine Deployment
- In-browser Terminal Interface
- Task Progression Tools

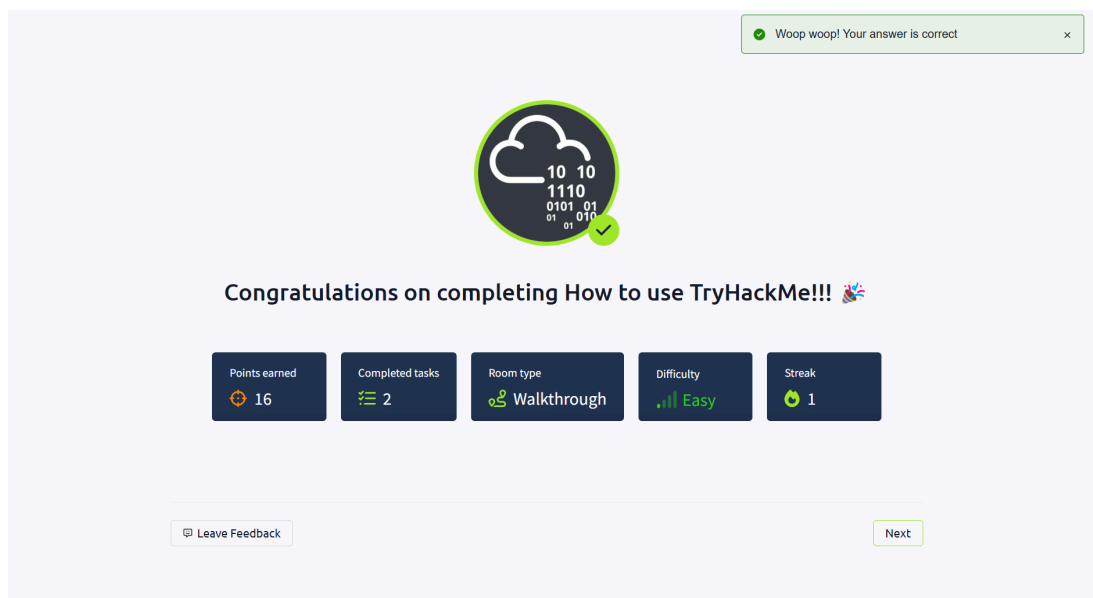
- **Concepts Learned:**

- Deploying and managing virtual machines
- Accessing terminals within the browser
- Using hints, flags, and answer validation features
- Navigating between tasks and rooms efficiently

- **Walkthrough / How You Solved:**

After opening the room, I clicked on the deploy button to start a virtual machine. I used the in-browser terminal to perform the required steps in each task. I carefully followed the room's instructions and used the answer fields to complete the questions. The room provided a good simulation of how to use the platform during more complex labs.

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Room 3: Getting Started

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

- **Learning Objective:**

To prepare learners for real-world cybersecurity labs by guiding them through the basic steps involved in solving simple hacking challenges.

- **Key Tools/Commands Used:**

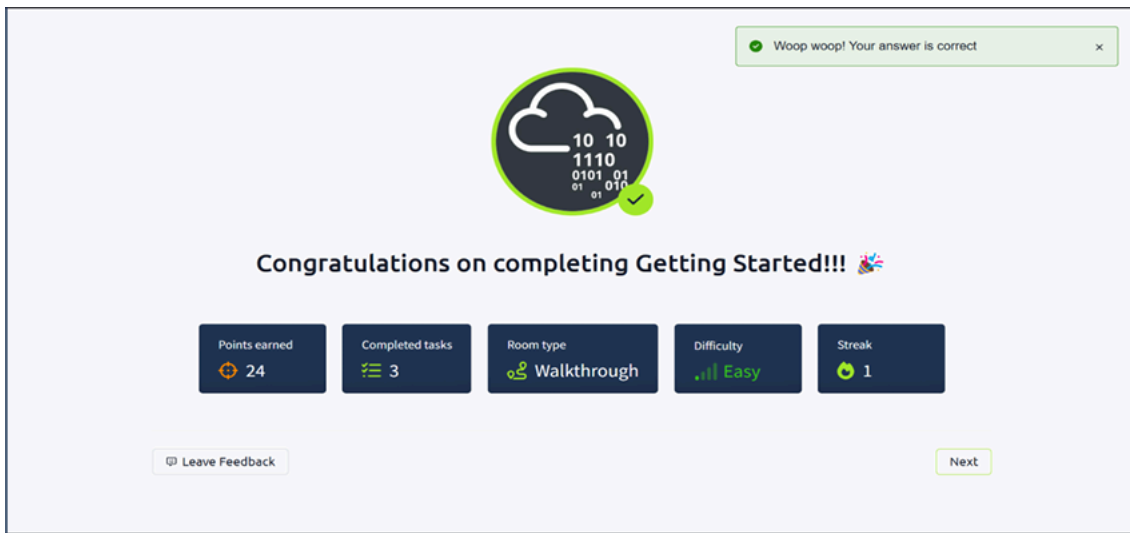
- IP Addressing
- Basic Linux Commands (e.g., ping, curl)
- Web-based VM Access

- **Concepts Learned:**

- Introduction to TryHackMe's challenge rooms
- Interacting with deployed virtual machines
- Using basic commands to gather information
- Submitting flags as proof of task completion

- **Walkthrough / How You Solved:**

I accessed the room and deployed the machine provided. By using basic terminal commands, I explored the environment and followed the instructions in each task. The room helped in building confidence for interacting with real-time machines, and all answers were submitted through the platform's interactive interface.



Room 4: Welcome

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

- **Learning Objective:**

To provide an overview of the TryHackMe platform and its community, including information on available learning paths and how to grow in the cybersecurity field.

- **Key Tools/Commands Used:**

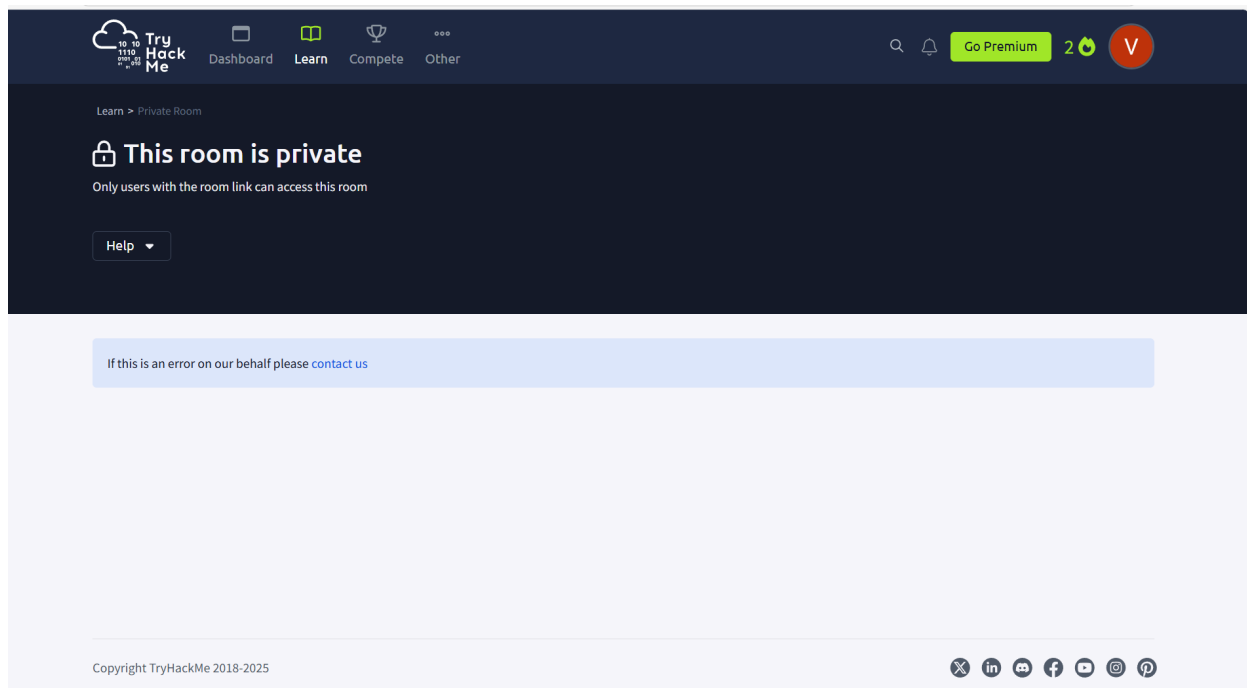
- Web Interface Navigation
- Dashboard Features
- Leaderboard and Profile Tools

- **Concepts Learned:**

- Overview of TryHackMe learning paths
- How to choose a cybersecurity career track
- Introduction to gamification through XP and badges

- **Walkthrough / How You Solved:**

This room was more informational and didn't require command-line use. I read through the content, explored the dashboard, and understood how learning paths are structured. I also familiarized myself with the platform's XP system and leaderboard features.



Room 5: TryHackMe Tutorial

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

- **Learning Objective:**

To provide users with a structured and interactive tutorial for using all key elements of the TryHackMe platform, especially for future hands-on challenges.

- **Key Tools/Commands Used:**

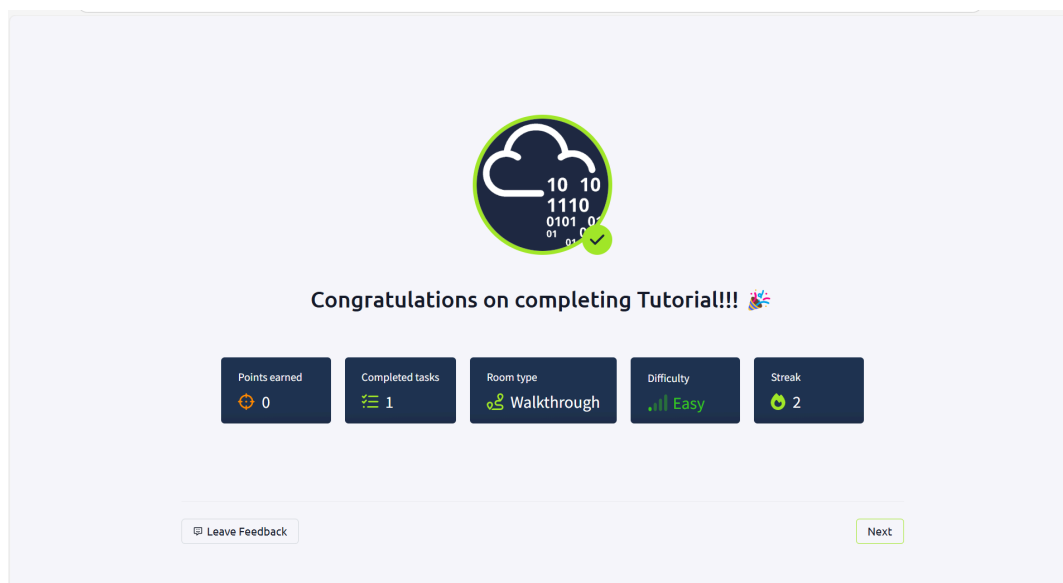
- Linux Terminal
- tryhackme@machine prompts
- Command-line navigation (cd, ls)

- **Concepts Learned:**

- Navigating the file system via CLI
- Using simple Linux commands
- Reading content and extracting flags

- **Walkthrough / How You Solved:**

I started the room, deployed the virtual machine, and accessed the terminal. I navigated the directories using Linux commands and found the required flags. The answers were submitted through the interface, and each section built on basic Linux knowledge.



Room 6: OpenVPN Configuration

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

- **Learning Objective:**

To teach users how to securely connect to TryHackMe labs using OpenVPN on their local machines.

- **Key Tools/Commands Used:**

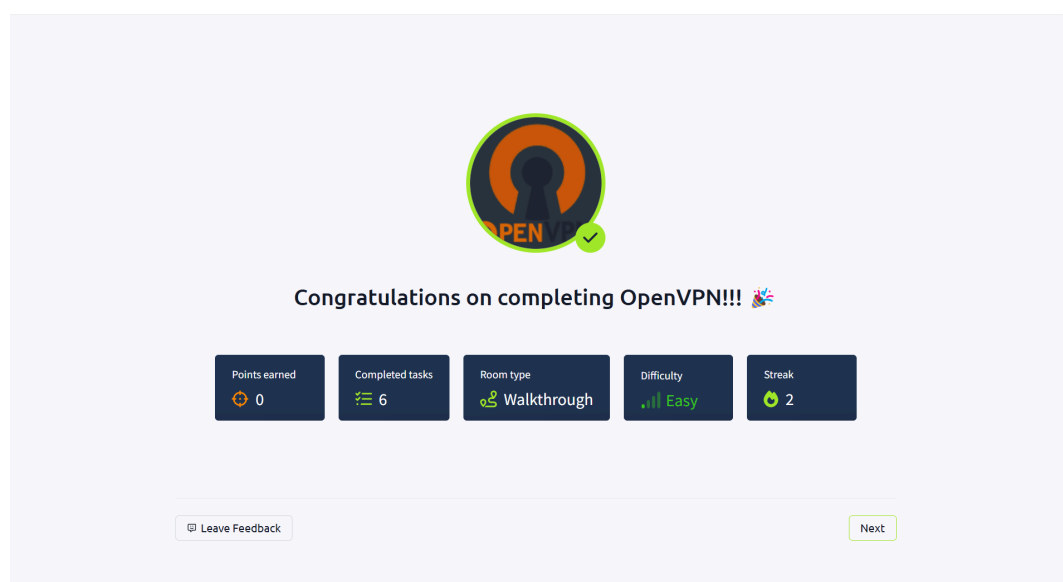
- openvpn command
- VPN Configuration File (.ovpn)
- Terminal/Command Prompt

- **Concepts Learned:**

- Setting up OpenVPN on Windows/Linux
- Using the .ovpn configuration file
- Verifying VPN connection to TryHackMe network

- **Walkthrough / How You Solved:**

I downloaded the VPN config file from my TryHackMe profile. I then used the terminal to run the `sudo openvpn <config>` command. After a successful connection, I verified access to the THM private IP ranges, which confirmed a working VPN setup.



Room 7: Beginner Path Introduction

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

- **Learning Objective:**

To provide an introduction to the Beginner Path, which offers a structured way to build foundational cybersecurity skills.

- **Key Tools/Commands Used:**

- No tools required (Informational Room)

- **Concepts Learned:**

- Understanding the flow of beginner-level rooms
- Roadmap of skills and topics to be covered
- Setting expectations for the learning journey

- **Walkthrough / How You Solved:**

I read through all the tasks to understand what the Beginner Path entails. The room explained the logic behind the sequence of rooms and prepared me for what to expect. I completed the questions provided and marked the tasks as complete.



Room 8: Starting Out in Cyber Security

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

- **Learning Objective:**

To provide learners with a high-level overview of different areas within cybersecurity and the initial steps to enter the field.

- **Key Tools/Commands Used:**

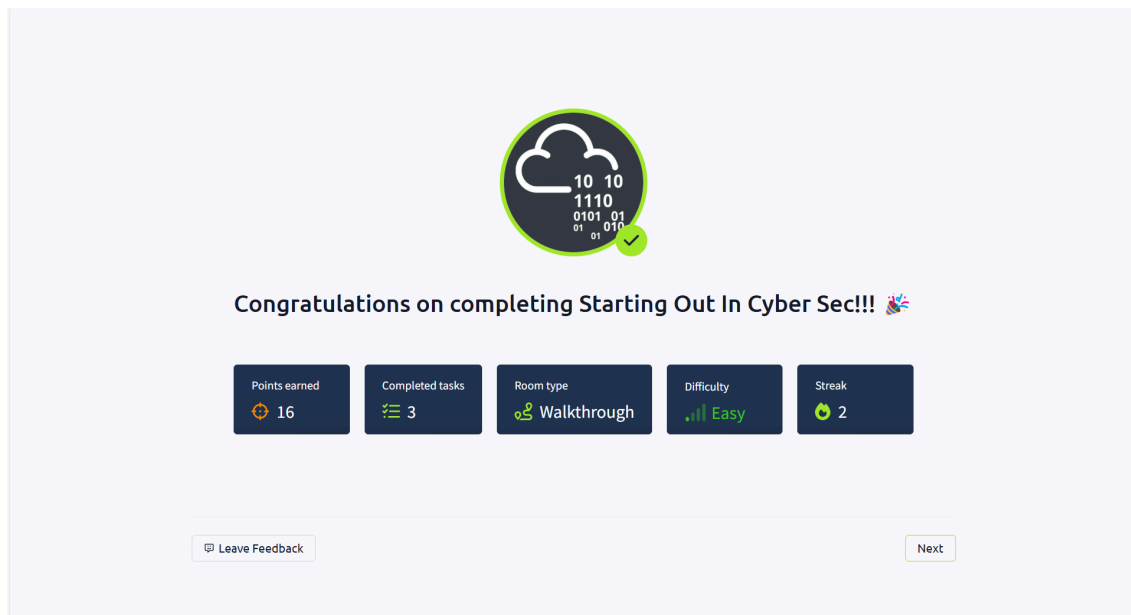
- Basic Networking Tools (ipconfig, ping)
- Research Tools (Google, Wikipedia)

- **Concepts Learned:**

- Introduction to cybersecurity domains
- Role of networking and operating systems
- Importance of research and scripting

- **Walkthrough / How You Solved:**

I went through each topic presented in the room, including networking, Linux, ethical hacking, and scripting. I watched the included video content and answered the questions related to each section. I also ran basic networking commands on my machine for practical understanding.



Room 9: Introduction to Research

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

- **Learning Objective:**

To help learners build skills in cybersecurity research by using internet resources to understand vulnerabilities and exploit methods.

- **Key Tools/Commands Used:**

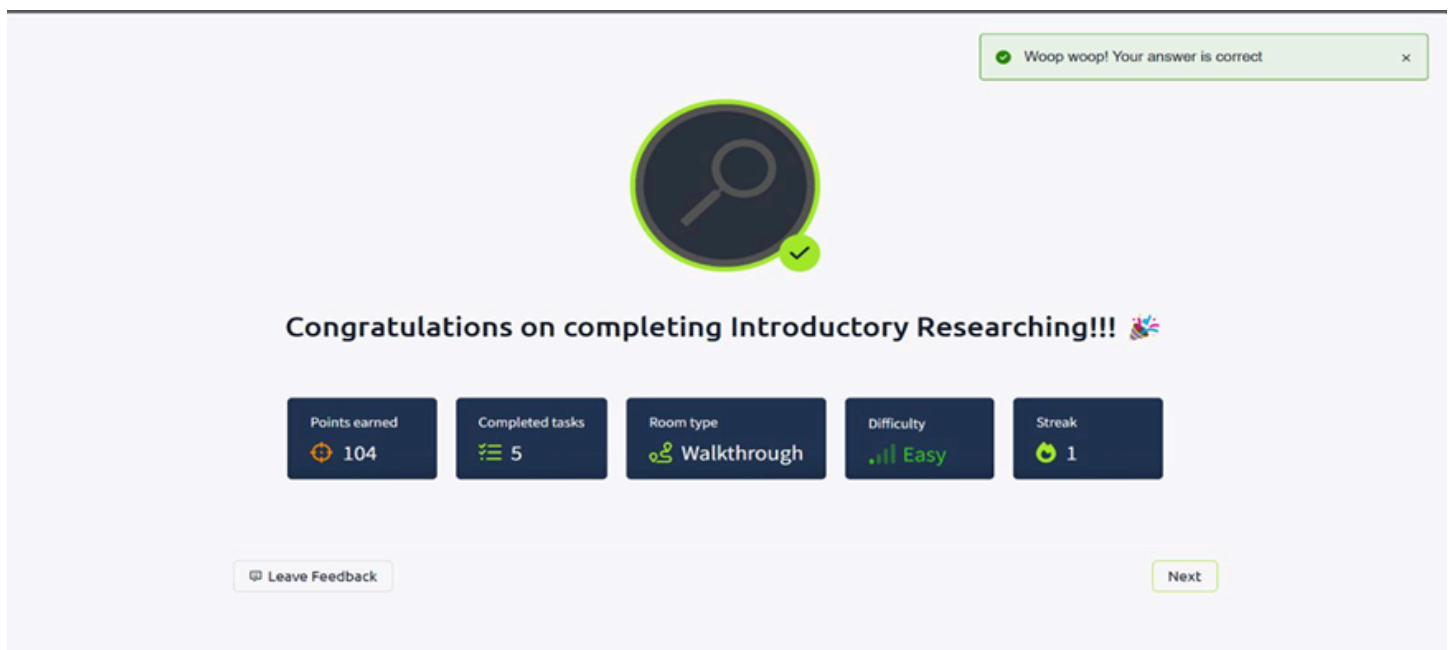
- Google Search
- CVE Details Database
- Exploit-DB
- Linux Terminal (for testing)

- **Concepts Learned:**

- How to find and read CVEs
- Using Exploit-DB to discover public exploits
- Connecting research to real-world attack methods

- **Walkthrough / How You Solved:**

I used the CVE Details website to look up assigned vulnerabilities and read about each exploit's purpose and risk. I explored sample exploits on Exploit-DB and followed room instructions to understand how vulnerabilities are researched and confirmed. Questions were answered using real research findings.



Conclusion:-

Completing the beginner rooms on TryHackMe has provided me with a solid foundation in cybersecurity. I learned how to navigate the platform, deploy virtual machines, and use basic tools like the Linux terminal, ping, and OpenVPN. This hands-on learning approach made complex topics much easier to understand.

The skills gained are useful in daily life for improving digital hygiene. I now understand how attackers exploit systems, which helps me protect my personal devices, use stronger passwords, and avoid common security threats like phishing.

Professionally, this experience is highly valuable for roles in IT support, network security, and ethical hacking. I've learned how to research vulnerabilities, submit flags, and interact with live machines—skills that are essential for real-world cybersecurity jobs.

The structured learning paths and gamification elements (like XP and badges) kept me motivated and helped build discipline. I also developed good habits like reading documentation, following instructions, and writing summaries after each room.

Overall, these beginner labs have bridged the gap between theory and real practice. They have boosted my confidence, clarified my career direction in cybersecurity, and prepared me for more advanced topics and certifications in the future.

