

Cybersecurity Internship Assignment Report

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Program: Digisuraksha Parhari Foundation Internship

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1. Room Name: Hello World

The screenshot shows a completed room named "Hello World" on the TryHackMe platform. At the top, there's a circular icon with a cloud and binary code (10 10 1110 0101 01 01) inside. Below it, a message says "Congratulations on completing Welcome!!! 🎉". There are five stats boxes: Points earned (0), Completed tasks (3), Room type (Walkthrough), Difficulty (Easy), and Streak (3). At the bottom, there are "Leave Feedback" and "Next" buttons, and a message from Google Meet stating "meet.google.com is sharing your screen." with "Stop sharing" and "Hide" options.

[Room Link](#)

Learning Objective:

To become familiar with the TryHackMe platform and its basic interface and navigation.

Key Tools/Commands Used:

- TryHackMe Web Interface

Concepts Learned:

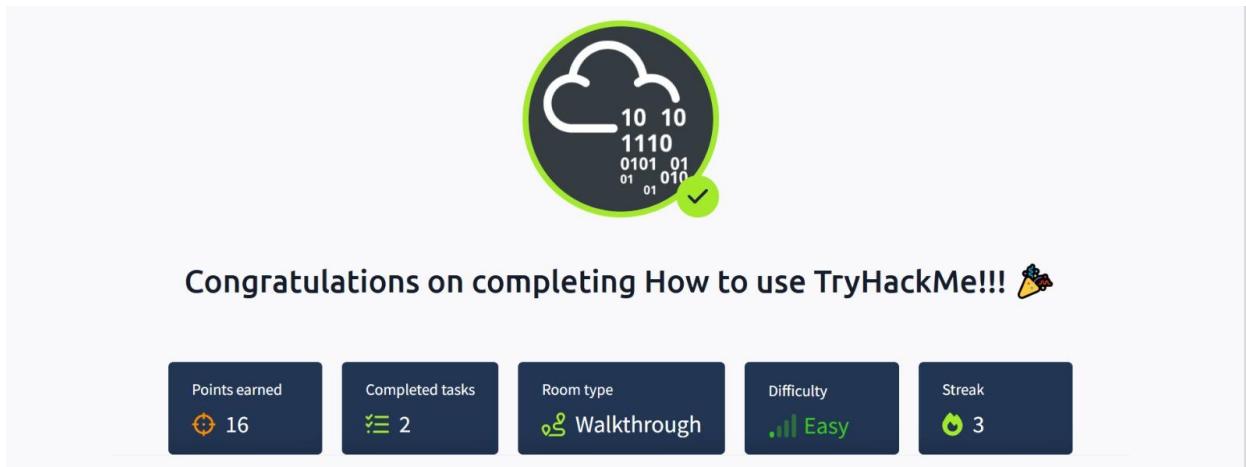
- User interface and navigation
- Task-based learning structure
- Virtual machine access
- Progress tracking and task completion

Walkthrough:

- Logged into TryHackMe and accessed the "Hello World" room
- Reviewed each task section thoroughly
- Marked tasks as completed upon reading

Reflections: This room offered a smooth introduction to the platform. It was intuitive and effectively set the tone for upcoming tasks.

2. Room Name: How to Use TryHackMe



[🔗 Room Link](#)

Learning Objective:

To understand how to engage with rooms, use split-screen functionality, and interact with tasks.

Key Tools/Commands Used:

- TryHackMe Interface

Concepts Learned:

- Split-screen terminal and content navigation
- Virtual machine control (start/stop)
- Task management and progress tracking
- Viewing hints and submitting answers

Walkthrough:

- Explored the interface using split view for interactive tasks
- Completed each task step-by-step while following instructions
- Learned how to start and manage virtual machines effectively

Reflections: Provided crucial knowledge about using TryHackMe effectively. It greatly improved my comfort with the platform.

3. Room Name: Getting Started

The screenshot shows the completion summary for the 'Getting Started' room. At the top is a circular icon containing a white cloud and binary code (10 10, 1110, 0101 01, 01 01). Below it is a green checkmark. The text 'Congratulations on completing Getting Started!!!' is followed by a small trophy emoji. At the bottom are five dark blue cards with white text: 'Points earned 24', 'Completed tasks 3', 'Room type Walkthrough', 'Difficulty Easy', and 'Streak 3'.

[Room Link](#)

Learning Objective:

To set up and verify a secure VPN connection for TryHackMe lab access.

Key Tools/Commands Used:

- OpenVPN
- Terminal/Command Prompt

Concepts Learned:

- VPN configuration using .ovpn files
- Command-line operations for connectivity
- Network testing using ping and ifconfig

Walkthrough:

- Installed OpenVPN and imported the configuration file
- Connected securely via terminal using sudo openvpn config.ovpn
- Verified the VPN tunnel using ping and ifconfig

Reflections: An essential setup phase. Encountered initial connectivity issues, which were resolved by troubleshooting DNS configurations.

4. Room Name: Welcome

The screenshot shows the TryHackMe platform interface. At the top, there's a navigation bar with icons for Learn, Compete, For Education, For Business, and Pricing, along with a search bar, a 'Log In' button, and a 'Join For FREE' button. Below the navigation bar, the path 'Learn > Private Room' is shown. A prominent message 'This room is private' with a lock icon is displayed, followed by the text 'Only users with the room link can access this room'. A 'Help' dropdown menu is visible. At the bottom of the page, there's a light blue footer bar with the text 'To access material, start machines and answer questions [login](#)' and a note 'If this is an error on our behalf please [contact us](#)'. There are also links for 'Stop sharing' and 'Hide'.

🔗 [Room Link](#)

Learning Objective:

The room was private.

5. Room Name: TryHackMe Tutorial



[Room Link](#)

Learning Objective:

To gain practical experience working with TryHackMe machines and Linux basics.

Key Tools/Commands Used:

- Terminal (Linux)
- Common commands: ls, cd, cat

Concepts Learned:

- Basic Linux navigation and file exploration
- Understanding file system structure
- Locating and reading hidden files

Walkthrough:

- Launched the provided VM and accessed the terminal
- Navigated directories using basic commands

- Located files and retrieved answers to tasks

Reflections: Engaging and educational. It strengthened my Linux fundamentals and demonstrated the hands-on nature of cybersecurity labs.

6. Room Name: OpenVPN Configuration



[Room Link](#)

Learning Objective:

To master VPN setup and ensure secure access to TryHackMe labs.

Key Tools/Commands Used:

- OpenVPN
- Terminal commands: sudo openvpn, ifconfig, ping

Concepts Learned:

- VPN tunneling and remote access
- Common troubleshooting techniques
- Network interface and IP verification

Walkthrough:

- Configured OpenVPN and ran the connection command
- Used `ifconfig` and `ping` to validate connection
- Resolved DNS issues by flushing and resetting network settings

Reflections: A vital step in remote lab access. Gained confidence in configuring VPNs and identifying network errors.

7. Room Name: Beginner Path Introduction



Congratulations on completing Learning Cyber Security!!! 🎉

Points earned
24

Completed tasks
3

Room type
Walkthrough

Difficulty
Easy

Streak
3

[Room Link](#)

Learning Objective:

To understand the purpose and progression of the TryHackMe Beginner Path.

Key Tools/Commands Used:

- None

Concepts Learned:

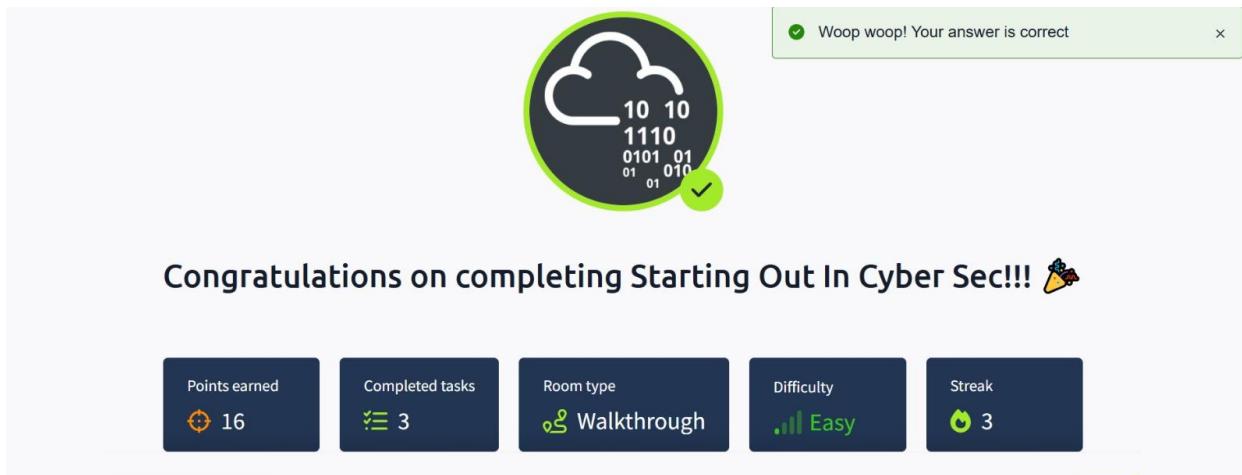
- Overview of the Beginner Path modules
- Structured learning across cybersecurity domains
- Importance of foundational topics such as networking and Linux

Walkthrough:

- Reviewed the roadmap content and explored suggested rooms
- Noted sequence and prerequisites for each learning stage

Reflections: Highly motivational. This room encouraged me to commit to a structured learning plan.

8. Room Name: Starting Out in Cyber Security



Woop woop! Your answer is correct

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

Points earned 16	Completed tasks 3	Room type Walkthrough	Difficulty Easy	Streak 3
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[🔗 Room Link](#)

Learning Objective:

To gain awareness of cybersecurity roles and understand industry expectations.

Key Tools/Commands Used:

- None

Concepts Learned:

- Red Team vs Blue Team roles and responsibilities
- Career options in cybersecurity (SOC Analyst, Penetration Tester, etc.)
- Required technical and soft skills for various roles

Walkthrough:

- Completed task-based Q&A exercises
- Explored in-depth descriptions of cybersecurity career paths

Reflections: Insightful and inspiring. It confirmed my interest in Red Team operations and ethical hacking.

9. Room Name: Introduction to Research



Congratulations on completing Introductory Researching!!! 🎉

Points earned 104	Completed tasks 5	Room type Walkthrough	Difficulty Easy	Streak 3
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[!\[\]\(9c4f697052545ae4fab36076e03db94f_img.jpg\) Room Link](#)

Learning Objective:

To cultivate research skills essential for problem-solving and continuous learning in cybersecurity.

Key Tools/Commands Used:

- Google
- Technical forums (Reddit, Stack Overflow, TryHackMe Discord)

Concepts Learned:

- Effective use of search engines and keywords

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- Evaluating the credibility of sources
- Practical application of research for solving tasks

Walkthrough:

- Applied real-world scenarios and searched for technical answers
- Used community platforms and documentation to solve issues
- Completed tasks based on findings from trusted resources

Reflections: This room emphasized the importance of independent learning. Research is a critical skill for every cybersecurity professional.

End of Report