

# Cybersecurity Internship Assignment – TryHackMe Introduction

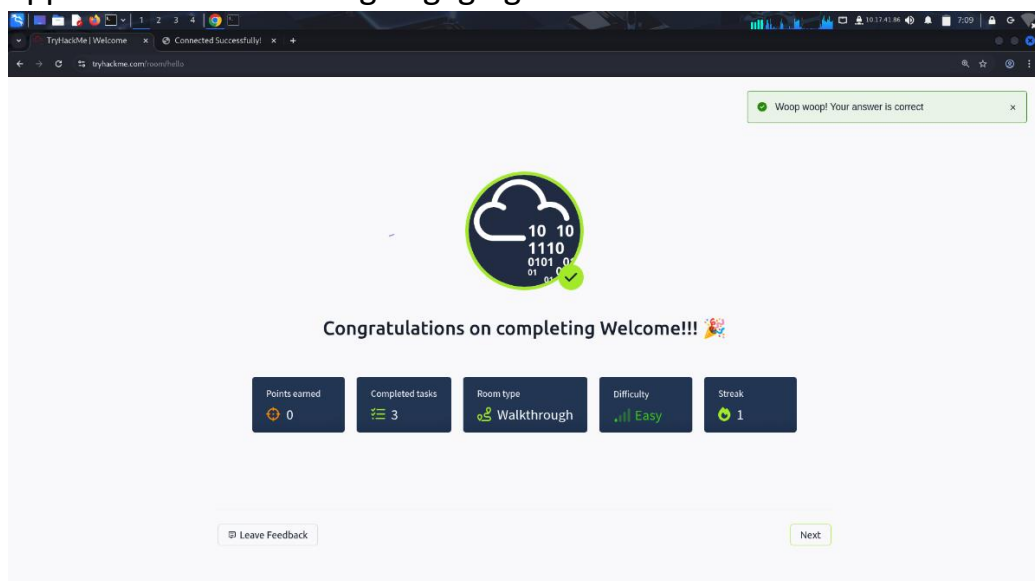
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**Issued by:** Digisuraksha Parhari Foundation

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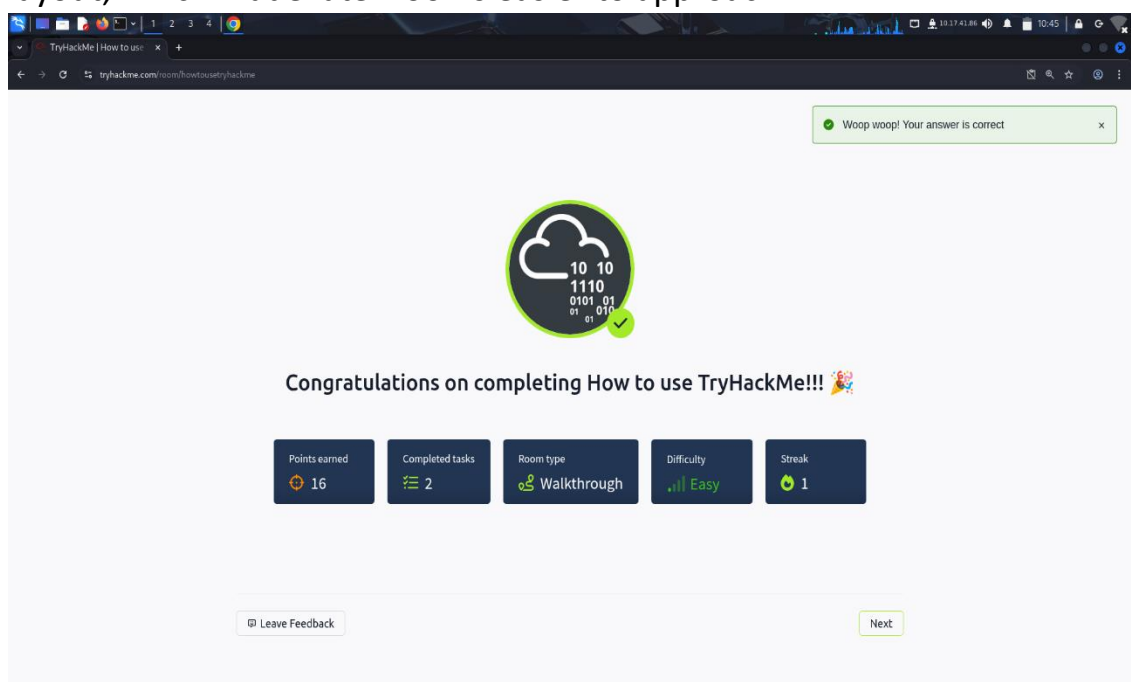
## 1. Hello World

- **Room Name:** Welcome
- **Room Link:** <https://tryhackme.com/room/hello>
- **Learning Objective:** Introduction to TryHackMe platform and basic cybersecurity concepts.
- **Key Tools/Command Used:**
  - Basic Linux commands (ls, cd)
  - Used Attackbox
- **Concepts Learned:**
  - Navigating the TryHackMe interface
  - Connecting to machines
  - Basic problem-solving in cybersecurity
- **Walkthrough:** I started by reading the room description, then launched the attackbox. I followed the instructions to navigate directories and find the flag.
- **Reflection:** This was a gentle introduction that helped me understand how TryHackMe rooms are structured. The hand approach made learning engaging.



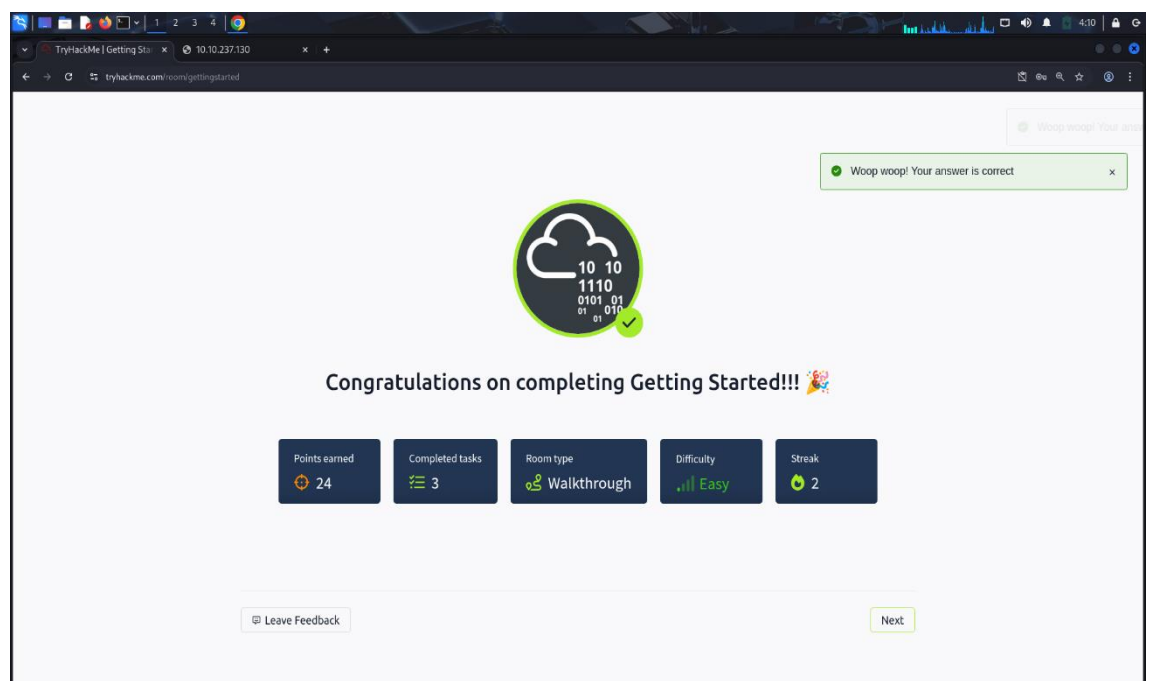
## 2. How to Use TryHackme

- **Room Name:** How to use TryHackMe
- **Room Link:** <https://tryhackme.com/room/howtousetryhackme>
- **Learning Objective:** To Understand the TryHackMe Platform, Navigation and basic features.
- **Key Tools/Command Used:**
  - Accessing Rooms
  - Used Attackbox
- **Concepts Learned:**
  - How TryHackMe Structures learning path
  - Submitting flags for completion
- **Walkthrough:** I explored the room interface, read the instructions, and completed the tasks by following along with the provided material. I learned how to submit answers and navigate between sections.
- **Reflection:** This room helped me get comfortable with TryHackMe's layout, which made later rooms easier to approach.



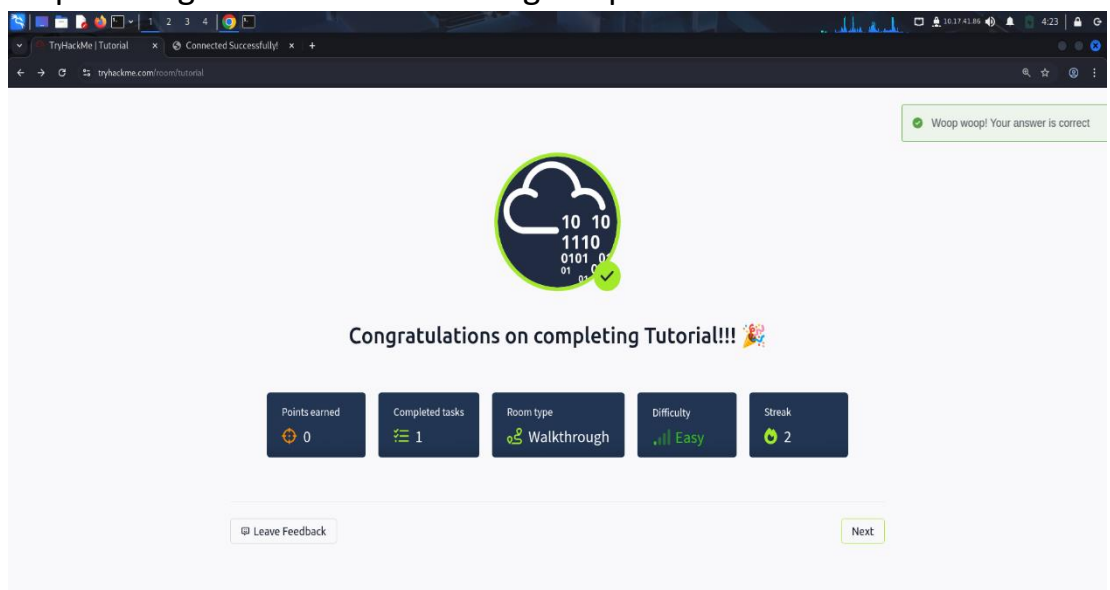
### 3. Getting Started

- **Room Name:** Getting Started
- **Room Link:** <https://tryhackme.com/room/gettingstarted>
- **Learning Objectives:** About rooms in TryHackme, how to launch Virtual Machines and access a website, how to exploit a vulnerability in website, access sensitive information and modify user's profiles and data.
- **Key Tools/Command Used:**
  - Used AttackBox
  - Website's Page Source
- **Concepts Learned:**
  - Importance of Cybersecurity
  - How to find Vulnerabilities in Websites
  - How to use default credentials
- **Walkthroughs:** I followed the introductory material, launching the Machine, Inspected the site, guessed the administrator portal username and password.
- **Reflections:** This room reinforced why cybersecurity matters and how hands-on labs can build practical skills.



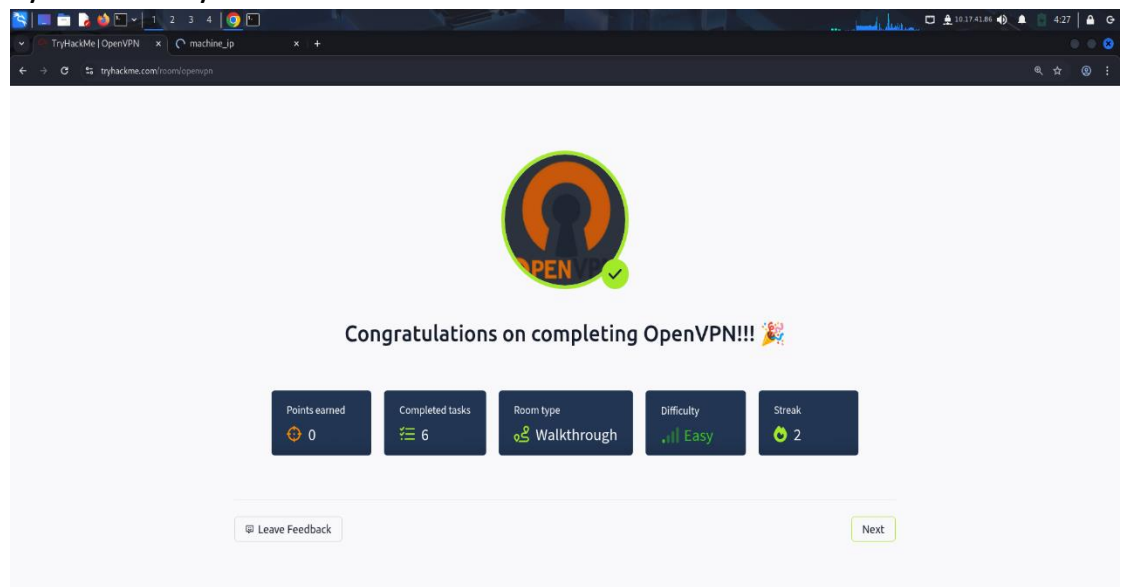
## 4. TryHackme Tutorial

- **Room Name:** Tutorial
- **Room Link:** <https://tryhackme.com/room/tutorial>
- **Learning Objectives:** Hands-on practice with basic tasks and challenges.
- **Key Tools/Command Used:**
  - Used AttackBox
  - Answer Submission
- **Concepts Learned:**
  - How to interact with machines in labs
  - Simple Troubleshooting
- **Walkthroughs:** I completed the guided tasks, including pinging a server and locating a hidden flag in a file.
- **Reflections:** This was my first real "hands-on" room, and it helped me gain confidence in using the platform.



## 5. OpenVPN Configuration

- **Room Name:** OpenVPN
- **Room Link:** <https://tryhackme.com/room/openvpn>
- **Learning Objectives:** To connect to the Network using VPN in the respective OS.
- **Key Tools/Command Used:**
  - Downloaded the VPN machine in the Access Section
  - Since I am using Linux based OS, I performed the VPN connection in the terminal
  - Basic Linux Commands (ls, cd) to move to the directories the files is saved
  - Finally used “sudo openvpn /path-to-file/file-name.ovpn” these command to connect successfully
- **Concepts Learned:**
  - How to VPN's secure Connection
  - Importance of secure lab environments
- **Walkthroughs:** I downloaded the VPN config file, connected using OpenVPN, and verified my connection.
- **Reflections:** This was crucial—without VPN, I couldn't access most labs. Now I understand why VPNs are essential in cybersecurity.



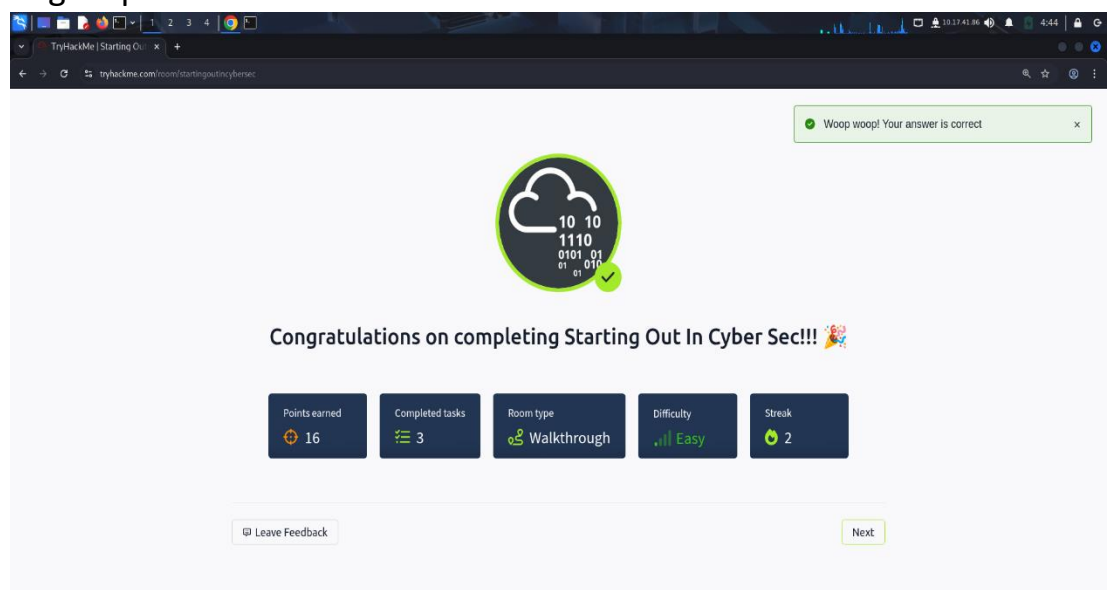
## 6. Beginner Path Introduction

- **Room Name:** Learning Cyber Security
- **Room Link:** <https://tryhackme.com/room/beginnerpathintro>
- **Learning Objectives:** Learn about how the WEB works and about Network Security.
- **Key Tools/Command Used:**
  - Used the View Task to answer the questions given
- **Concepts Learned:**
  - Different cybersecurity domains (e.g., Networking, Web Security)
  - How TryHackMe structures learning
- **Walkthroughs:** I completed the guided tasks, including visiting the given sites and answering the questions.
- **Reflections:** This helped me plan my learning journey and set expectations for upcoming challenges.



## 7. Starting Out in Cyber Security

- **Room Name:** Starting Out in Cyber Sec
- **Room Link:** <https://tryhackme.com/room/startingoutincybersec>
- **Learning Objectives:** Explore cybersecurity career paths and foundational knowledge.
- **Key Tools/Command Used:**
  - None (Conceptual)
- **Concepts Learned:**
  - Different cybersecurity roles (e.g., Penetration Tester, Security Analyst)
  - Essential Skills for Beginners
- **Walkthroughs:** I read about various career options and the skills needed to enter the field.
- **Reflections:** This room was inspiring, it helped me see where I might specialize in the future.



## 8. Introduction to Research

- **Room Name:** Introductory Researching
- **Room Link:** <https://tryhackme.com/room/introtoresearch>
- **Learning Objectives:** Learn how to conduct effective cybersecurity research.
- **Key Tools/Command Used:**
  - Search Engines for Research
  - Linux terminal for using SCP Tools
- **Concepts Learned:**
  - Importance of research in Hacking
  - How to find and verify information
  - Different Vulnerability Searching
  - Using SCP Tools
- **Walkthroughs:** I practiced basic research methods, including using search engines for cybersecurity queries, learned different vulnerabilities and about SCP tools.
- **Reflections:** Research is a core skill, this room taught me how to find answers efficiently.

