Tutorial No. 5

Title: Exploring online security training platforms

Roll No.: 16010423076 **Tutorial No.:5**

Aim: Exploring online security training platforms.

Resources : Internet connection, Access to TryHackMe platform

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Theory:

Online Security Training Platforms

Online security training platforms have become essential in the field of cybersecurity. These platforms provide interactive and practical environments where learners can develop their skills in vulnerability analysis, penetration testing (VAPT), digital forensics, and more. They are designed to offer both theoretical knowledge and hands-on experience through challenges and guided labs.

The primary objective of these platforms is to help individuals understand the principles of cybersecurity, practice real-world scenarios, and gain proficiency in using various tools and techniques. Some popular online security training platforms include TryHackMe, Hack The Box, PentesterLab, and CyberSecLabs.

Introduction to TryHackMe

TryHackMe is one of the most widely used platforms for cybersecurity training. It offers a diverse range of learning paths and rooms that cover topics like web exploitation, network security, cryptography, and much more. The platform is user-friendly and suitable for both beginners and experienced professionals.

Key Features of TryHackMe:

1. **Structured Learning Paths:** Curated courses that guide learners through fundamental to advanced concepts.

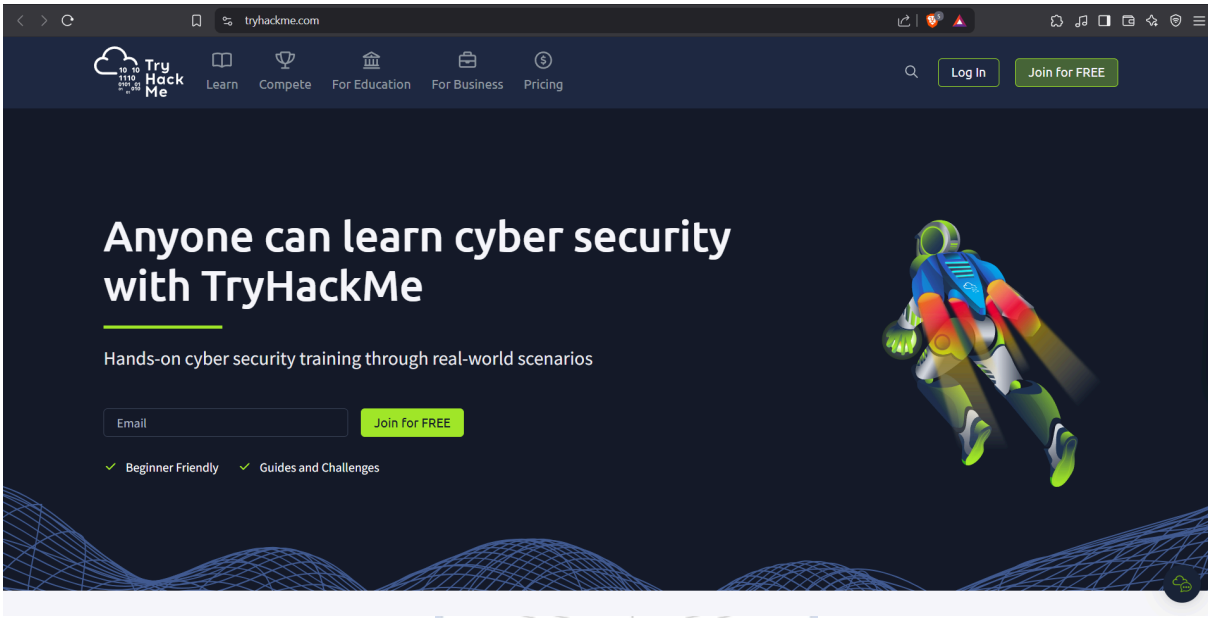
2. **Interactive Labs:** Hands-on environments where users can practice hacking techniques safely.

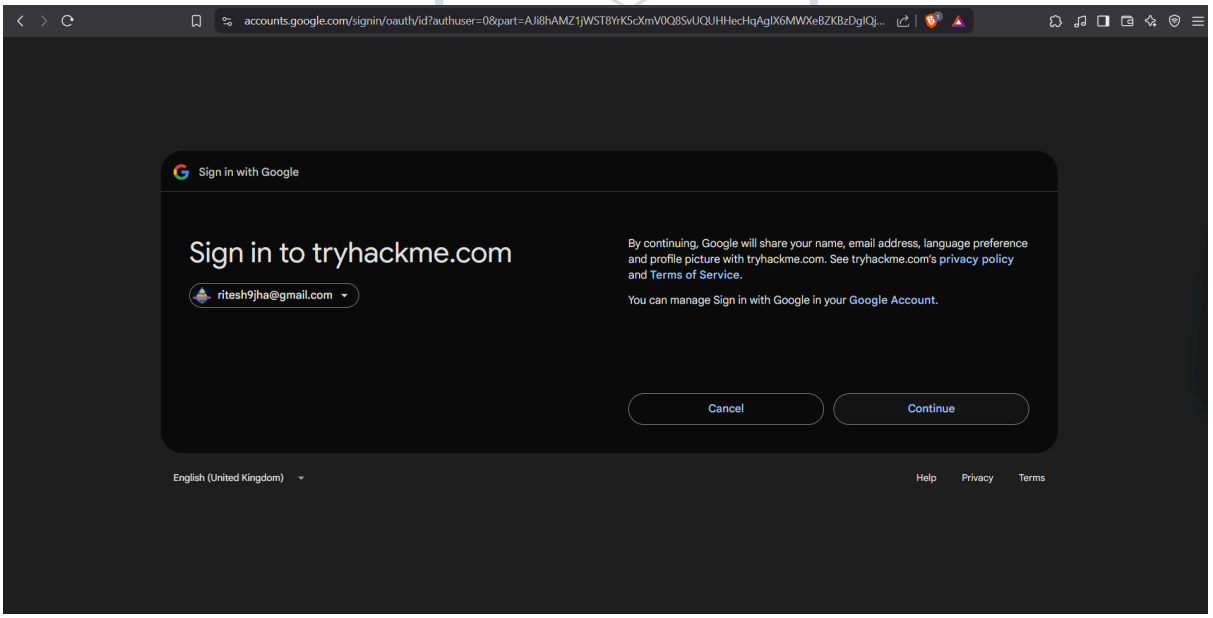
3. **Capture the Flag (CTF) Challenges:** Gamified scenarios to practice problem-solving skills.

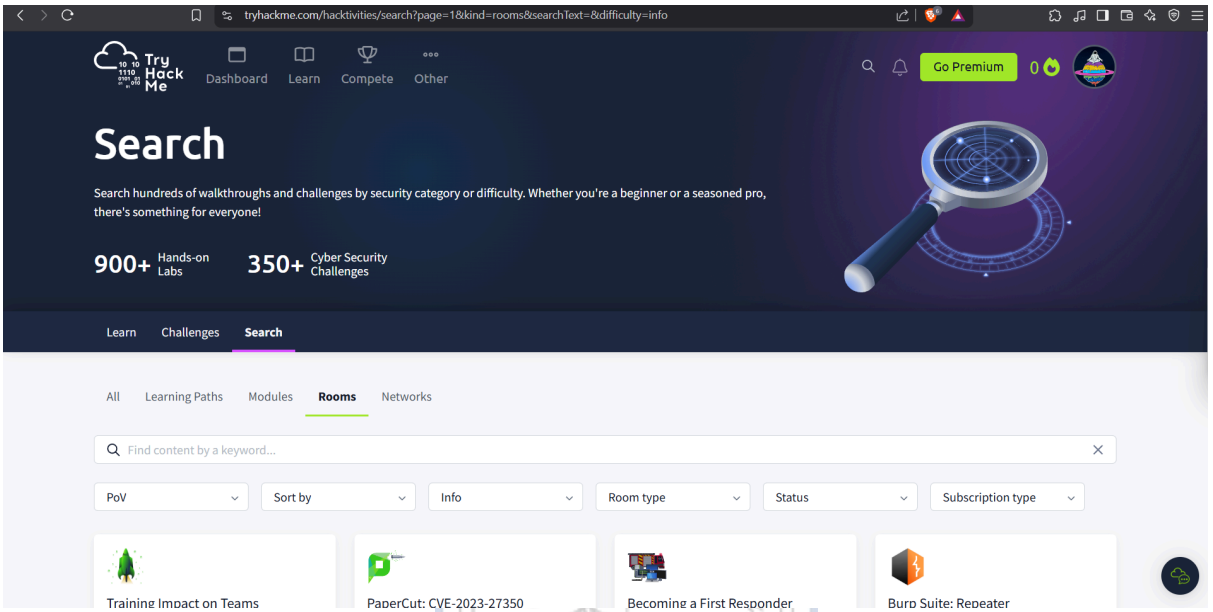
4. **Certification Opportunities:** Verifiable achievements that showcase practical skills.

5. **Community Support:** Discussion forums and community-made rooms for collaborative learning.

Demonstration: Free Room on TryHackMe






tryhackme.com/hacktivities/search?page=1&kind=rooms&searchText=&difficulty=info
Try Hack Me
Dashboard
Learn
Compete
Other
Go Premium
0
Search
Search hundreds of walkthroughs and challenges by security category or difficulty. Whether you're a beginner or a seasoned pro, there's something for everyone!
900+ Hands-on Labs
350+ Cyber Security Challenges
Learn
Challenges
Search
All
Learning Paths
Modules
Rooms
Networks
Find content by a keyword...
PoV
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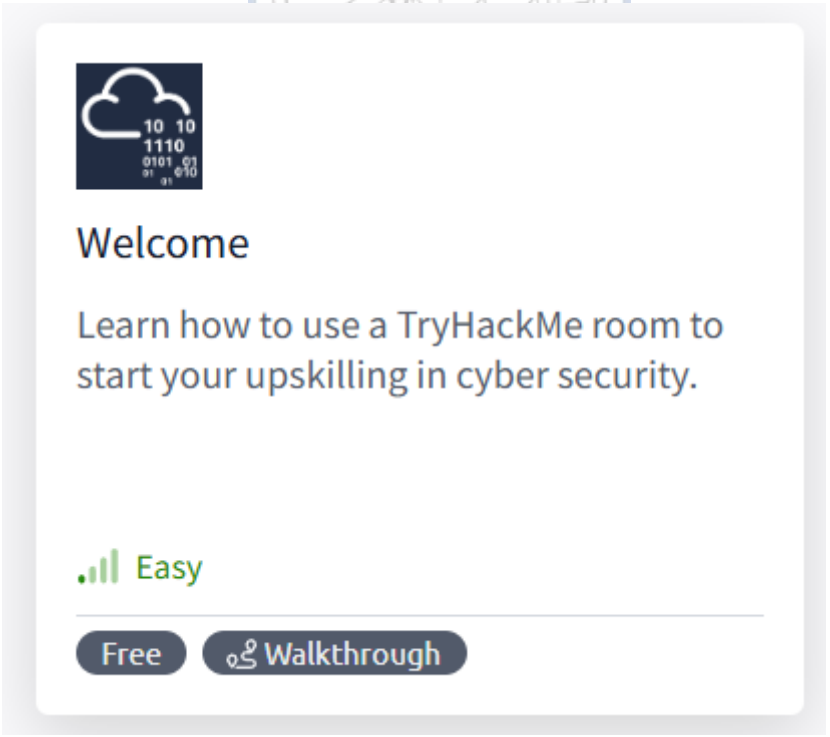
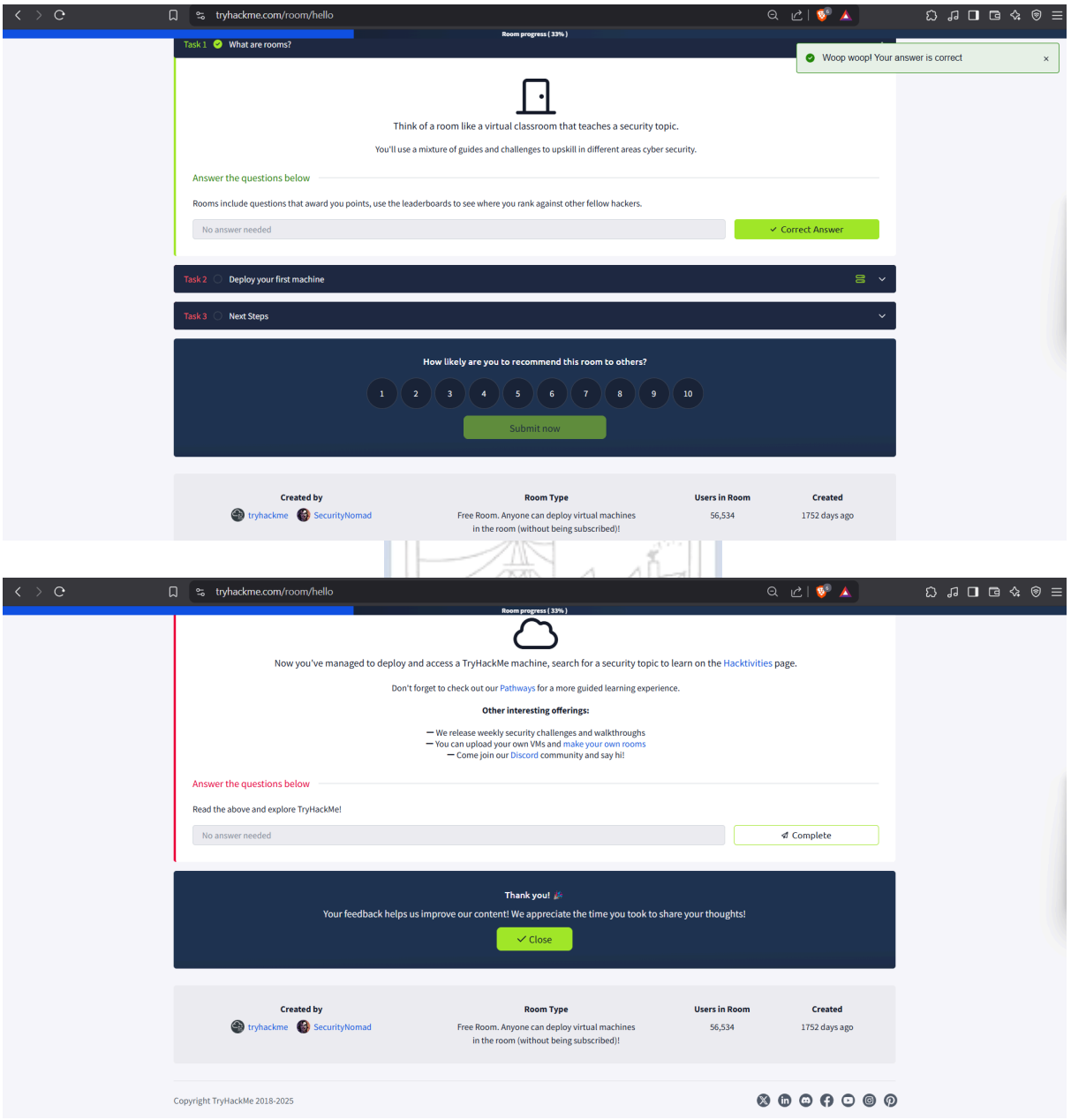
Status
Subscription type
Training Impact on Teams
PaperCut: CVE-2023-27350
Becoming a First Responder
Burp Suite: Repeater


Welcome
Learn how to use a TryHackMe room to start your upskilling in cyber security.
Easy
Free
Walkthrough



Outcomes: CO1: Realize the premise of vulnerability analysis and penetration testing (VAPT).

Conclusion: (Conclusion to be based on the objectives and outcomes achieved)

Through this assignment, I explored online security training platforms with a focus on TryHackMe. I successfully demonstrated the usage of a free room to learn basic

cybersecurity skills. TryHackMe proves to be an effective platform for beginners and professionals alike, offering interactive and practical learning.

Grade: AA / AB / BB / BC / CC / CD /DD

Signature of faculty in-charge with date

REFERENCES:

https://tryhackme.com/

https://www.hackthebox.com

https://www.root-me.org

https://www.immersivelabs.com