

LAPORAN TUGAS
PEMBELAJARAN TRYHACKME
“PENTESTING FUNDAMENTALS”



Oleh:

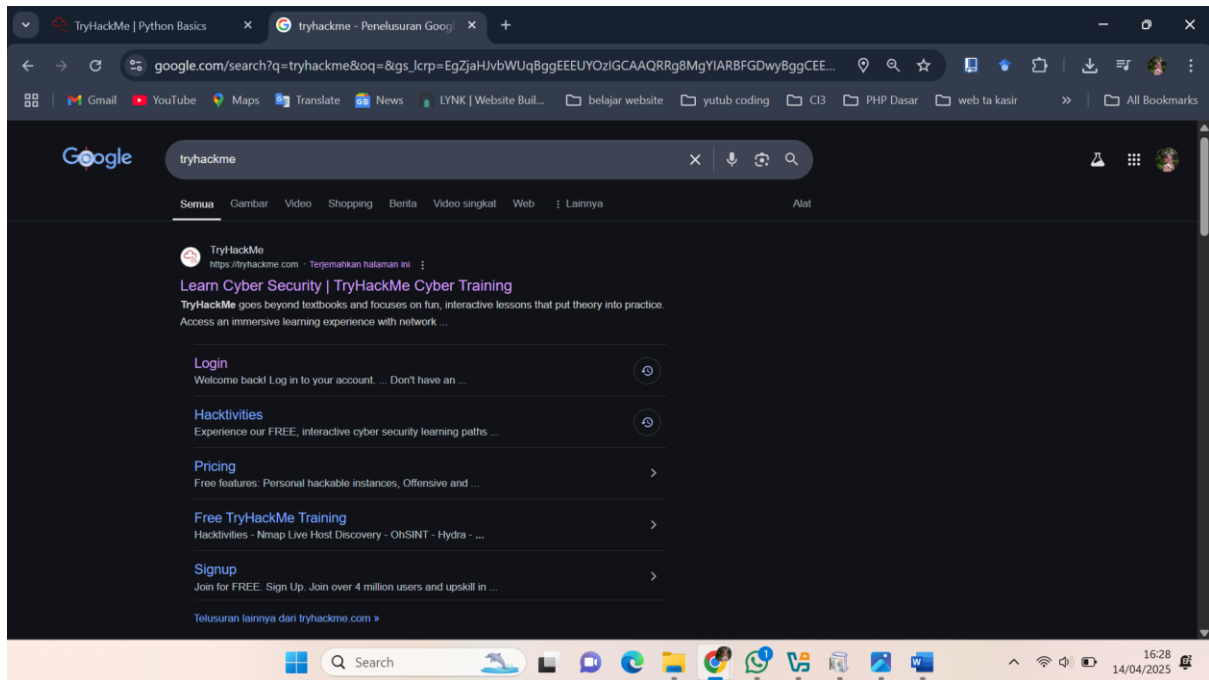
Nur Manda Devi Puspita Wangi (2231740011)

Dosen Pengajar:

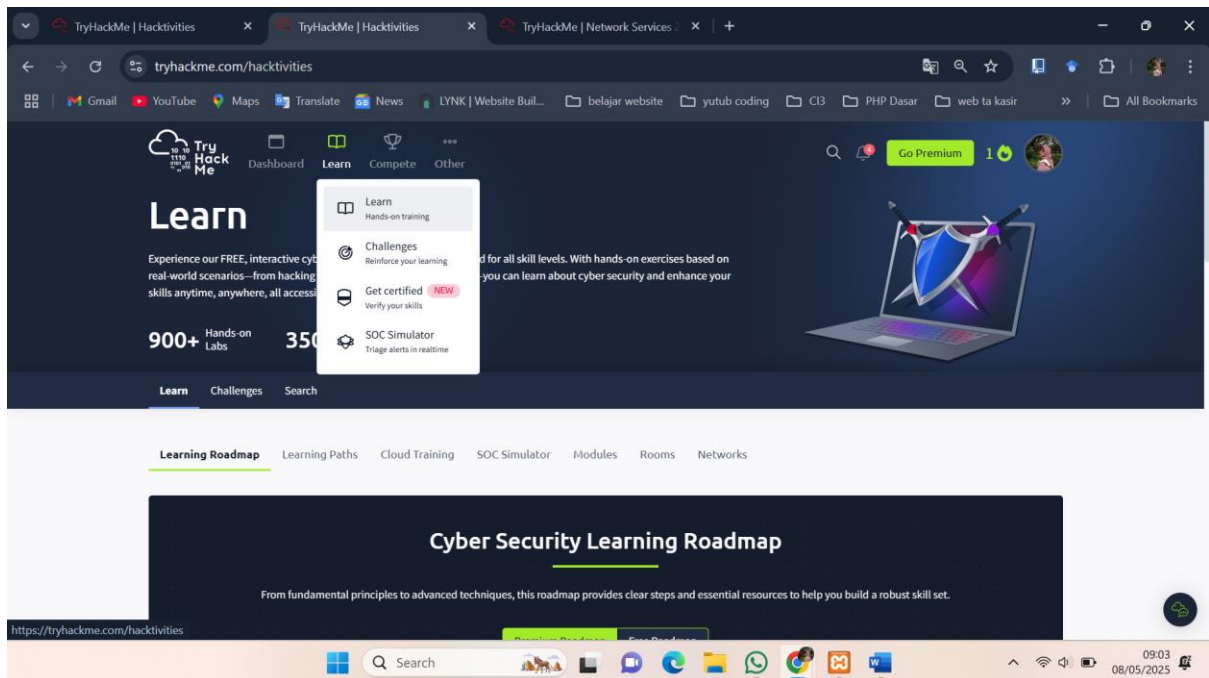
Vipkas Al Hadid Firdaus, S.T, M.T.

PROGRAM STUDI D3 TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG PSDKU LUMAJANG
TAHUN 2025

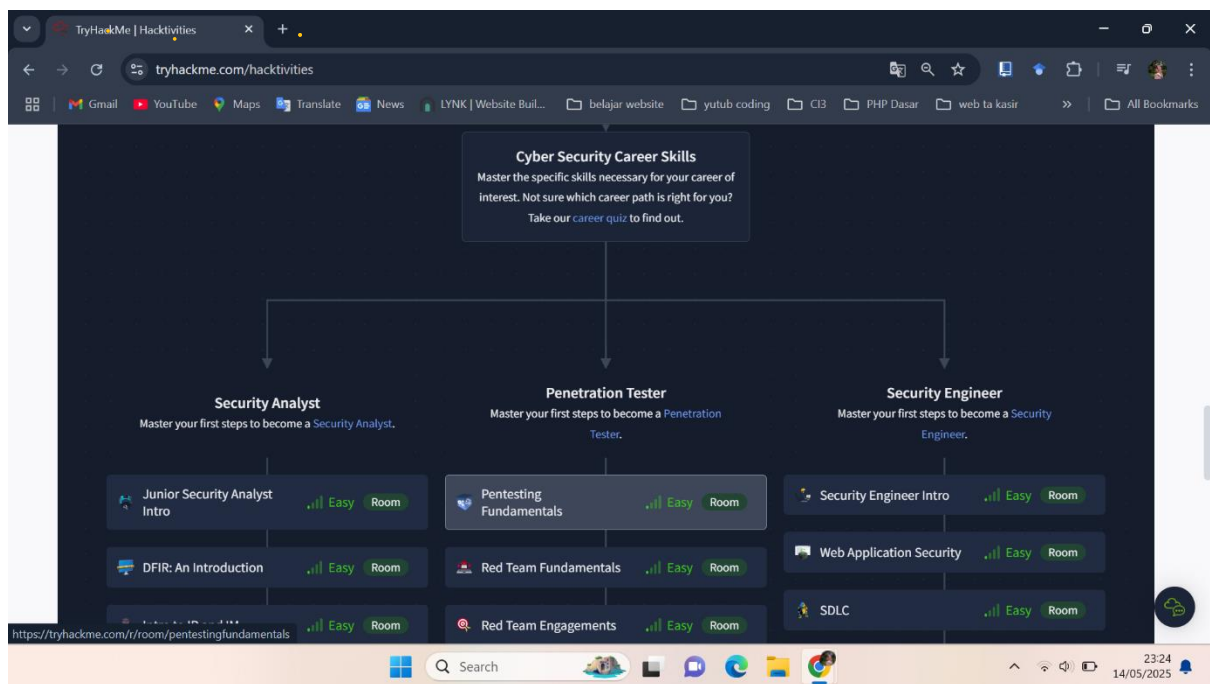
1. Buka google, lalu ketik trayhackme kemudian klik “Login” atau langsung klik link tautan berikut : <https://tryhackme.com/> .



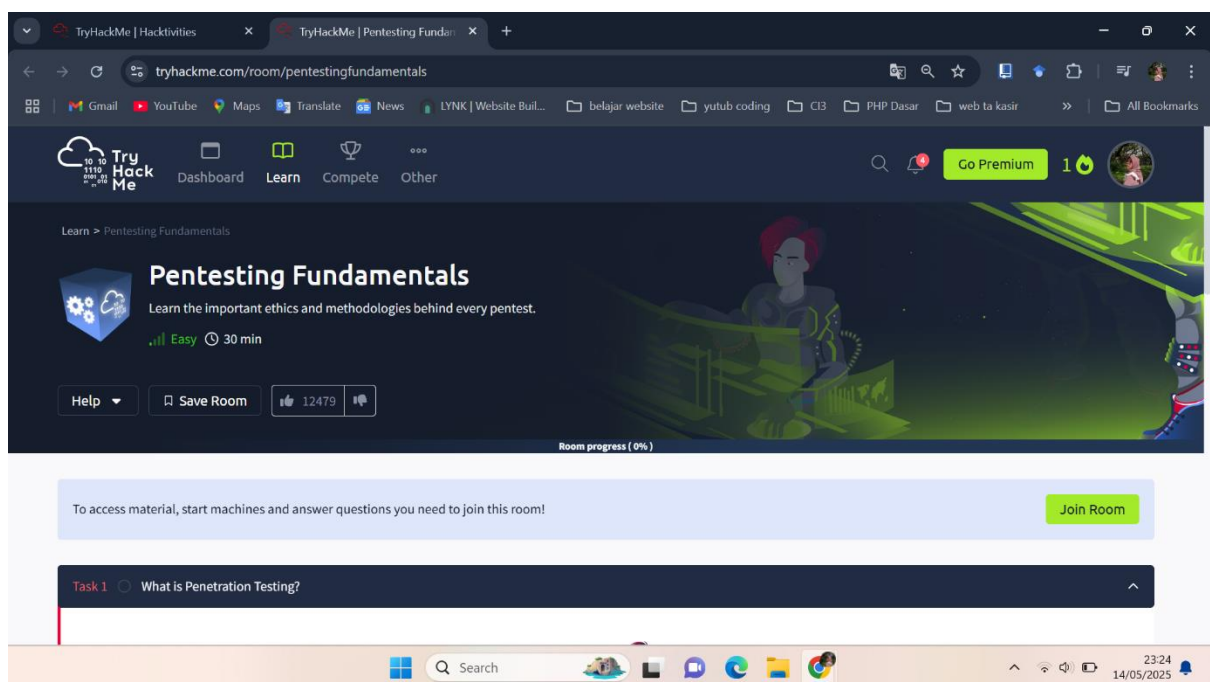
2. Kemudian, kita akan diarahkan kehalaman berikut. Scroll ke bawah dan pilih “Learning Roadmap”. Jika masih bingung tempat “Learn” nya dimana bisa kunjungi link berikut <https://tryhackme.com/hacktivities>



3. Pilihlah opsi Free Roadmap>>Cyber Security Career Skills>>Penetration Tester dan scroll ke bawah sampai ke Fundamental skills. Kemudian pilih “Penetration Tester”.



4. Selanjutnya kita akan diarahkan ke halaman berikut ini. Join room dan kerjakan tugas-tugas yang telah diberikan.



5. Task 1

Answer the questions below

Read me!

No answer needed

✓ Correct Answer

6. Task 2

Answer the questions below

You are given permission to perform a security audit on an organisation; what type of hacker would you be?

White Hat

✓ Correct Answer

🔍 Hint

You attack an organisation and steal their data, what type of hacker would you be?

Black Hat

✓ Correct Answer

What document defines how a penetration testing engagement should be carried out?

Rules of Engagement

✓ Correct Answer

7. Task 3

Answer the questions below

What stage of penetration testing involves using publicly available information?

Information Gathering

✓ Correct Answer

If you wanted to use a framework for pentesting telecommunications, what framework would you use? Note: We're looking for the acronym here and not the full name.

OSSTMM

✓ Correct Answer

What framework focuses on the testing of web applications?

OWASP

✓ Correct Answer

8. Task 4

Answer the questions below

You are asked to test an application but are not given access to its source code - what testing process is this?

Black Box

✓ Correct Answer

You are asked to test a website, and you are given access to the source code - what testing process is this?

White Box

✓ Correct Answer

Full Knowledge

9. Task 5

The screenshot shows the TryHackMe interface for the 'Penetration Testing Fundamentals' room. The room progress is 90%. Task 5, 'Practical: ACME Penetration Test', is active. The task description states: 'ACME has approached you for an assignment. They want you to carry out the stages of a penetration test on their infrastructure. View the site (by clicking the green button on this task) and follow the guided instructions to complete this exercise.' Below this, it says 'Answer the questions below' and 'Complete the penetration test engagement against ACME's infrastructure.' A text input field contains 'THM{PENTEST_COMPLETE}' and a 'Loading...' button is visible. To the right, the 'Penetration Testing Stages' section shows stage 6, 'Pentest Report & Clearing-up', which describes the final stage of a penetration test and mentions using 'THM{PENTEST_COMPLETE}' to answer the task question.

10. Kerjakan semua tugas yang diberikan hingga tercentang seperti ini semua.

The screenshot shows the 'Penetration Testing Fundamentals' room page. The room is marked as 'Room completed (100%)'. The task list on the left shows five tasks, all of which are completed (indicated by green checkmarks):

- Task 1: What is Penetration Testing?
- Task 2: Penetration Testing Ethics
- Task 3: Penetration Testing Methodologies
- Task 4: Black box, White box, Grey box Penetration Testing
- Task 5: Practical: ACME Penetration Test

The room title 'Penetration Testing Fundamentals' is at the top, along with the description 'Learn the important ethics and methodologies behind every pentest.' and a difficulty level of 'Easy' (30 min). The room has 12479 likes and an 'Options' menu.

11. Jika sudah menyelesaikan tugas semua, maka akan tampil seperti berikut ini

