

RECAP LAPORAN TRYHACKME

QUIZ 1

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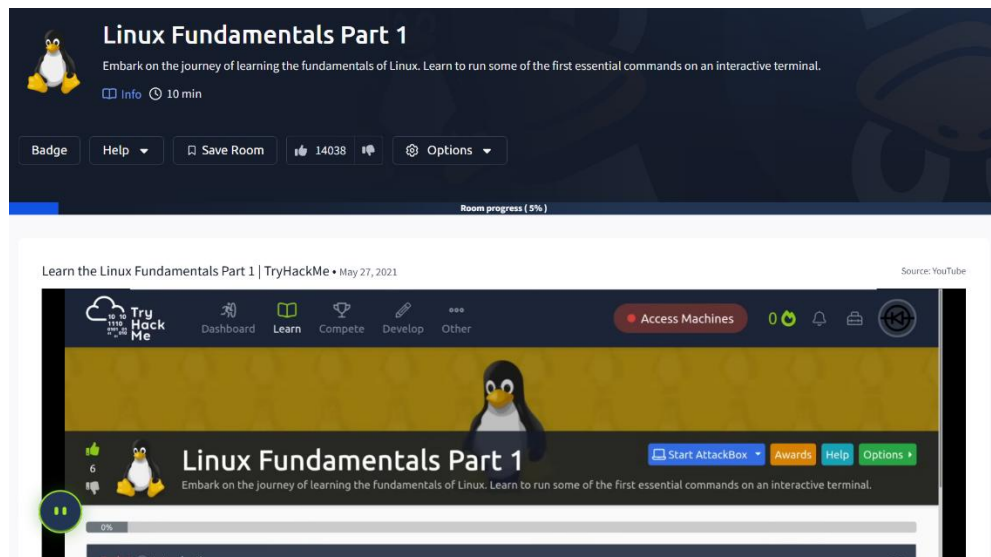
1. masuk ke laman web tryhackme



2. masuk laman dashboard web tryhack pergi kelaman learn



3. Lalu scroll kebawah dan pilih roadmap pembelajaran yang free, pilih topik pembelajaran linux



4. Kerjakan soal-soal nya

Task 1 Introduction

Task 2 A Bit of Background on Linux

Where is Linux Used?

It's fair to say that Linux is a lot more intimidating to approach than Operating System's (OSs) such as Windows. Both variants have their own advantages and disadvantages. For example, Linux is considerably much more lightweight and you'd be surprised to know that there's a good chance you've used Linux in some form or another every day! Linux powers things such as:

- Websites that you visit
- Car entertainment/control panels
- Point of Sale (PoS) systems such as checkout tills and registers in shops
- Critical infrastructures such as traffic light controllers or industrial sensors

Flavours of Linux

The name "Linux" is actually an umbrella term for multiple OS's that are based on UNIX (another operating system). Thanks to Linux being open-source, variants of Linux come in all shapes and sizes - suited best for what the system is being used for.

For example, Ubuntu & Debian are some of the more commonplace distributions of Linux because it is so extensible. I.e. you can run Ubuntu as a server (such as websites & web applications) or as a fully-fledged desktop. For this series, we're going to be using Ubuntu.

Note: Ubuntu Server can run on systems with only 512MB of RAM!

5. Jika muncul persoalan seperti ini maka jalan kan dahulu machine program nya dengan mengklik ikon start machine dan jangan di close dulu karena soal-soal selanjut nya masih menggunakan machine program ini

The screenshot shows a web browser window with the URL `tryhackme.com/room/linuxfundamentalspart1`. The page title is "Room progress (50%)". The main content area is titled "Task 3: Interacting With Your First Linux Machine (In-Browser)". It contains instructions about interacting with a Linux machine and a "Start Machine" button. Below the instructions is a table titled "Active Machine Information" with columns for Title, IP Address, and Expires. The table shows a machine named "linuxfundpt1" with IP "10.10.144.238" and expires in "1h 58m 49s". There are buttons for "Add 1 hour" and "terminate".

On the right side, there is a terminal window showing a series of commands and their outputs:

```
tryhackme@linux1:~$ cat folder2
cat: folder2: Is a directory
tryhackme@linux1:~$ cat folder3
cat: folder3: Is a directory
tryhackme@linux1:~$ cat folder4
cat: folder4: Is a directory
tryhackme@linux1:~$ cd
tryhackme@linux1:~/folder1$ cat
^[[A
a°C
tryhackme@linux1:~/folder1$ ls
tryhackme@linux1:~/folder1$ ls
tryhackme@linux1:~/folder1$ cd
tryhackme@linux1:~/folder2$ cat
^C
tryhackme@linux1:~/folder2$ ls
ls: command not found
tryhackme@linux1:~/folder2$ ls
tryhackme@linux1:~/folder2$ cd
tryhackme@linux1:~/folder4$
-bash: cd: too many arguments
tryhackme@linux1:~/folder4$ cd folder4
tryhackme@linux1:~/folder4$ ls
note.txt
tryhackme@linux1:~/folder4$ cat
pwd
pwd
^C
tryhackme@linux1:~/folder4$ pwd
/home/tryhackme/folder4
tryhackme@linux1:~/folder4$ cat note.txt
Hello World!
tryhackme@linux1:~/folder4$
tryhackme@linux1:~/folder4$
```

6. Jika ada contoh percobaan seperti dalam soal-soal seperti ini maka cobalah

The screenshot shows a web browser window with the URL `tryhackme.com/room/linuxfundamentalspart1`. The page title is "Room progress (55%)". The main content area is titled "Operator '>'". It contains instructions about the output redirector operator and examples of its usage.

On the right side, there is a terminal window showing a series of commands and their outputs:

```
tryhackme@linux1:~$ echo hey > welcome
tryhackme@linux1:~$ cat welcome
hey

Note: If the file i.e. "welcome" already exists, the contents will be overwritten!

tryhackme@linux1:~$ echo hey > welcome
tryhackme@linux1:~$ cat welcome
hey
```

7. Kerjakan soal-soal nya dan gunakan Langkah-langkah untuk mengerjakan soal

Operator ">>"

This operator is also an output redirector like in the previous operator (>) we discussed. However, what makes this operator different is that rather than overwriting any contents within a file, for example, it instead just puts the output at the end.

Following on with our previous example where we have the file "welcome" that has the contents of "hey". If were to use echo to add "hello" to the file using the > operator, the file will now only have "hello" and not "hey".

The >> operator allows to append the output to the bottom of the file — rather than replacing the contents like so:

Using the >> Operator

```
tryhackme@linux1:~$ echo hello >> welcome
```

Using cat to output the "welcome" file

```
tryhackme@linux1:~$ cat welcome
hey
hello
```

Answer the questions below

Wanted to run a command in the background, what operator would we want to use?

```
tryhackme@linux1:~$ wc -l access.log
302 access.log
tryhackme@linux1:~$ grep "10.10.144.238" access.log
^[A^][B^C
tryhackme@linux1:~$ grep "10.10.144.238" access.log
^C
tryhackme@linux1:~$ grep "10.10.144.238" access.log
tryhackme@linux1:~$ find -name password.txt
tryhackme@linux1:~$ find -name *.txt
./folder4/note.txt
tryhackme@linux1:~$ wc -l access.log
wc -l: command not found
tryhackme@linux1:~$ wc -l access.log
302 access.log
tryhackme@linux1:~$ grep "81.143.211.90" access.log
tryhackme@linux1:~$ grep "81.143.211.90" access.log
tryhackme@linux1:~$ grep "81.143.211.90" access.log
tryhackme@linux1:~$ grep "81.143.211.90" access.log
tryhackme@linux1:~$ echo hey > welcome
tryhackme@linux1:~$ cat welcome
hey
tryhackme@linux1:~$ hello >> welcome

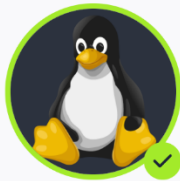
Command 'hello' not found, but can be installed with:

snap install hello          # version 2.10, or
apt install hello           # version 2.10-2ubuntu2
apt install hello-traditional # version 2.10-5

See 'snap info hello' for additional versions.

tryhackme@linux1:~$ echo hello >> welcome
tryhackme@linux1:~$ cat welcome
hey
hello
tryhackme@linux1:~$
```

8. Jika sudah muncul ikon seperti ini maka semua soal sudah benar semua dan sudah selesai



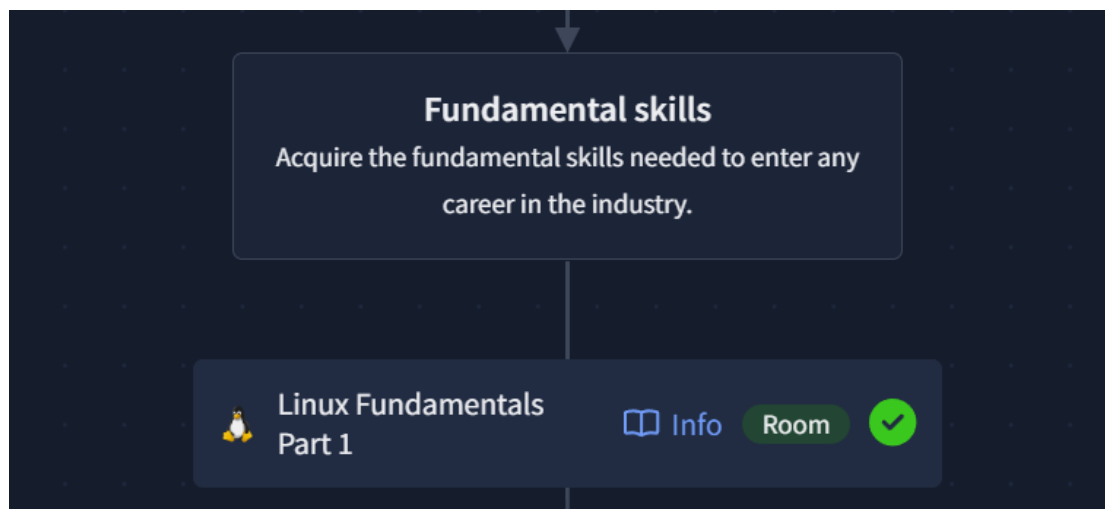
Congratulations on completing Linux Fundamentals Part 1!!! 🎉

Points earned 🏆 88	Completed tasks ✅ 9	Room type 👤 Walkthrough	Difficulty 📖 Info	Streak 🔥 1
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meet.google.com

9. Pastikan pada laman free road map pada boxes nya sudah tercentang seperti ini



10. Pastikan semua topik di learning roadmap ini sudah tercentang semua

Cyber Security Learning Roadmap

From fundamental principles to advanced techniques, this roadmap provides clear steps and essential resources to help you build a robust skill set.

Premium Roadmap

Free Roadmap

Cyber Security Basics

Acquire the basic cyber security skills required to get started in cyber security.

Careers in Cyber

Info

Room

✓

Security Principles

✓

Easy

Room

✓

Governance & Regulation

✓

Easy

Room

✓

Cyber Kill Chain

✓

Easy

Room

✓