

KEAMANAN SISTEM DAN JARINGAN KOMPUTER
TryHackMe: HTTP in Detail



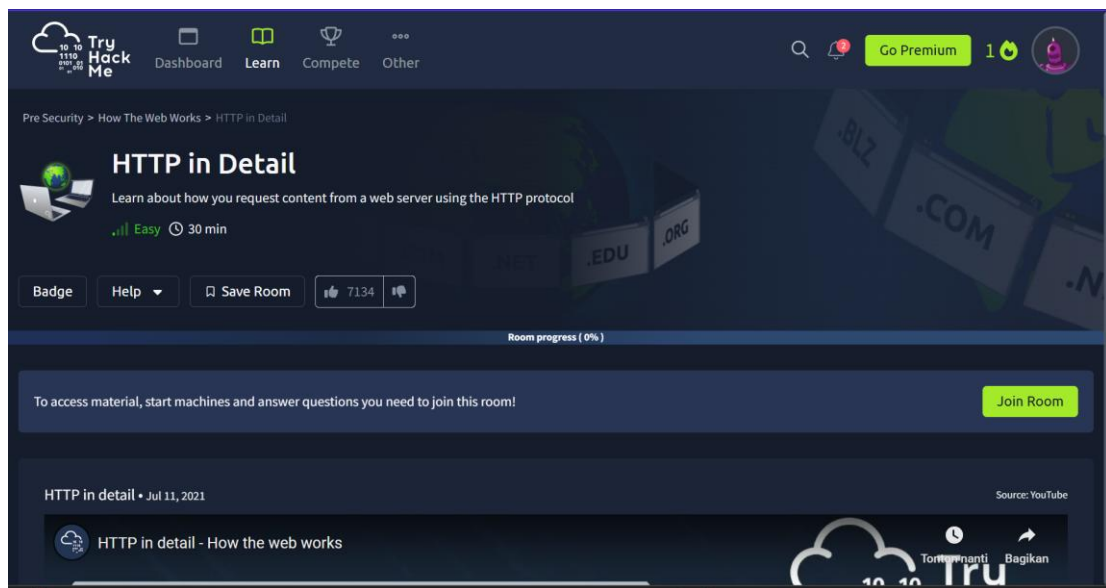
Nama :

Aldi Nur Fahmi

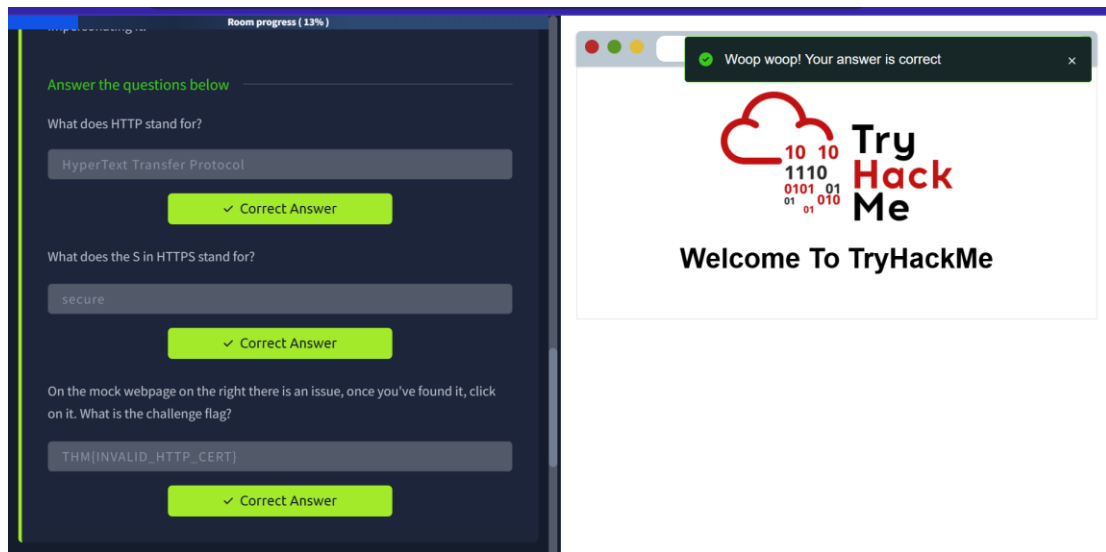
POLITEKNIK NEGERI MALANG KAMPUS
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2025



1. Join ke room HTTP in Detail



2. Menyelesaikan task 1

Room progress (40%)

Line 2: This tells us the web server software and version number.

Line 3: The current date, time and timezone of the web server.

Line 4: The Content-Type header tells the client what sort of information is going to be sent, such as HTML, images, videos, pdf, XML.

Line 5: Content-Length tells the client how long the response is, this way we can confirm no data is missing.

Line 6: HTTP response contains a blank line to confirm the end of the HTTP response.

Lines 7-14: The information that has been requested, in this instance the homepage.

Answer the questions below

What HTTP protocol is being used in the above example?

HTTP/1.1

✓ Correct Answer

What response header tells the browser how much data to expect?

Content-Length

✓ Correct Answer

3. Menyelesaikan task 2

Room progress (40%)

DELETE Request

This is used for deleting information/records from a web server.

Answer the questions below

What method would be used to create a new user account?

POST

✓ Correct Answer

What method would be used to update your email address?

PUT

✓ Correct Answer

What method would be used to remove a picture you've uploaded to your account?

DELETE

✓ Correct Answer

What method would be used to view a news article?

GET

✓ Correct Answer

Task 4 ○ HTTP Status Codes

4. Menyelesaikan task 3

Room progress (55%)

500 - Internal Server Error	The server has encountered some kind of error with your request that it doesn't know how to handle properly.
503 - Service Unavailable	This server cannot handle your request as it's either overloaded or down for maintenance.

✓ Woop woop! Your answer is correct

Click the "View Site" button on the right to see what some of these [HTTP](#) status messages look like in a browser.

Answer the questions below

What response code might you receive if you've created a new user or blog post article?

201 ✓ Correct Answer

What response code might you receive if you've tried to access a page that doesn't exist?

404 ✓ Correct Answer

What response code might you receive if the web server cannot access its database and the application crashes?

503 ✓ Correct Answer

What response code might you receive if you try to edit your profile without logging in first?

401 ✓ Correct Answer

5. Menyelesaikan task 4

Scene: Content how long to store the content on the browser's cache before it requests it again.

Content-Type: This tells the client what type of data is being returned, i.e., HTML, CSS, JavaScript, Images, PDF, Video, etc. Using the content-type header the browser then knows how to process the data.

Content-Encoding: What method has been used to compress the data to make it smaller when sending it over the internet.

Answer the questions below

What header tells the web server what browser is being used?

User-Agent ✓ Correct Answer

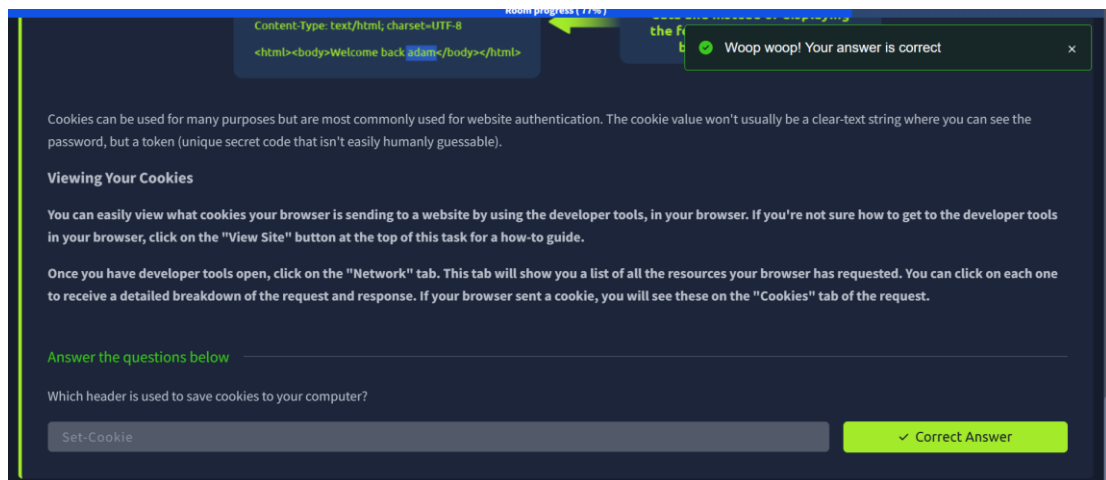
What header tells the browser what type of data is being returned?

Content-Type ✓ Correct Answer

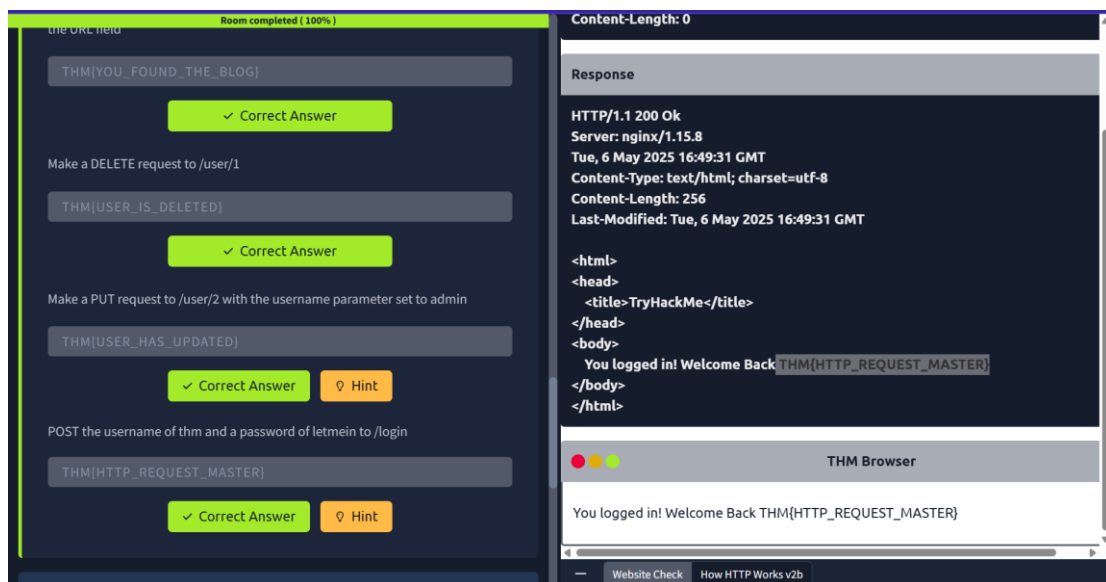
What header tells the web server which website is being requested?

Host ✓ Correct Answer

6. Menyelesaikan task 5



7. Menyelesaikan task 6



8. Menyelesaikan task 7