

TRY HACKME

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

Room progress (13%)

HTTPS is the secure version of HTTP. HTTPS data is encrypted so it not only stops people from seeing the data you are receiving and sending, but it also gives you assurances that you're talking to the correct web server and not something impersonating it.

Answer the questions below

What does HTTP stand for?

HyperText Transfer Protocol

✓ Correct Answer

What does the S in HTTPS stand for?

secure

✓ Correct Answer

On the mock webpage on the right there is an issue, once you've found it, click on it. What is the challenge flag?

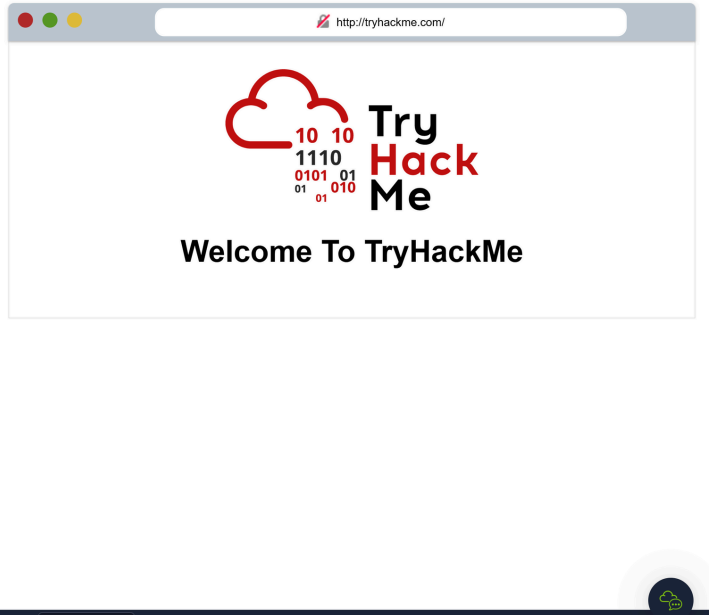
THM{INVALID_HTTP_CERT}

✓ Correct Answer

Task 2 ☐ Requests And Responses



Task 3 ☐ HTTP Methods



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

Answer the questions below

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

✓ Correct Answer

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

✓ Correct Answer

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

✓ Correct Answer

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

✓ Correct Answer

Answer the questions below

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

✓ Correct Answer

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

✓ Correct Answer

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

✓ Correct Answer

Answer the questions below

Which header is used to save cookies to your computer?

✓ Correct Answer

Answer the questions below

Make a GET request to /room

✓ Correct Answer

💡 Hint

Make a GET request to /blog and using the gear icon set the id parameter to 1 in the URL field

Response

```
HTTP/1.1 200 Ok
Server: nginx/1.15.8
Wed, 12 Feb 2025 20:55:46 GMT
Content-Type: text/html; charset=utf-8
Content-Length: 252
Last-Modified: Wed, 12 Feb 2025 20:55:46 GMT
```

```
<html>
<head>
  <title>TryHackMe</title>
</head>
<body>
  Welcome to the Room page THM{YOU'RE_IN_THE_ROOM}
</body>
</html>
```



THM Browser

Welcome to the Room page THM{YOU'RE_IN_THE_ROOM}

Answer the questions below

Make a GET request to /room

THM{YOU'RE_IN_THE_ROOM}

✓ Correct Answer

💡 Hint

Make a GET request to /blog and using the gear icon set the id parameter to 1 in the URL field

THM{YOU_FOUND_THE_BLOG}

✓ Correct Answer

Make a DELETE request to /user/1

THM{USER_IS_DELETED}

✓ Correct Answer

Make a PUT request to /user/2 with the username parameter set to admin

THM{USER_HAS_UPDATED}

✓ Correct Answer

💡 Hint

POST the username of thm and a password of letmein to /login

THM{HTTP_REQUEST_MASTER}

✓ Correct Answer

💡 Hint

PUT



http://tryhackme.com/user/2

PUT /user/2 HTTP/1.1

Host: tryhackme.com

User-Agent: Mozilla/5.0 Firefox/87.0

Content-Length: 0

Response

HTTP/1.1 200 Ok

Server: nginx/1.15.8

Wed, 12 Feb 2025 22:48:42 GMT

Content-Type: text/html; charset=utf-8

Content-Length: 251

Last-Modified: Wed, 12 Feb 2025 22:48:42 GMT

<html>

<head>

<title>TryHackMe</title>

</head>

<body>

Username changed to admin THM{USER_HAS_UPDATED}

</body>

</html>