

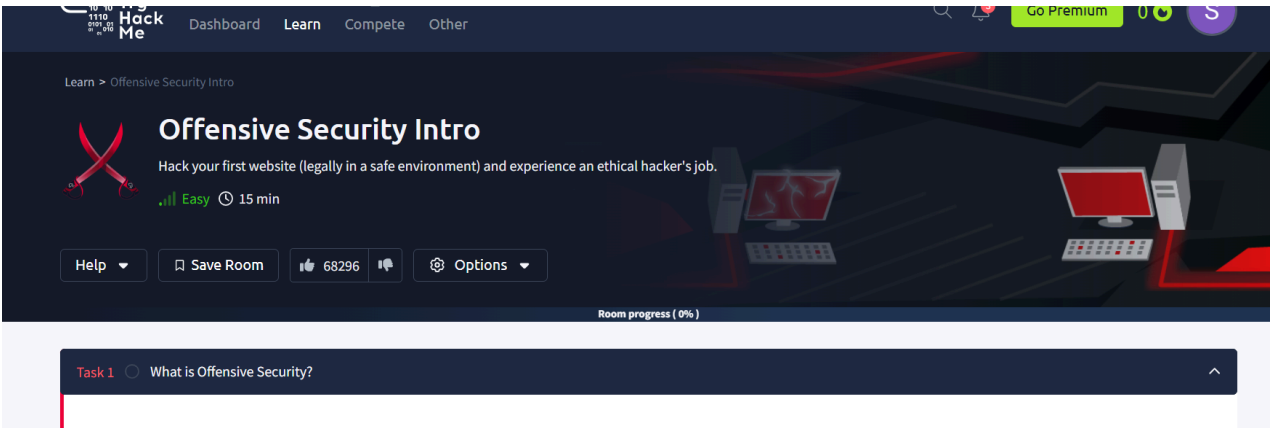
TryHackMe CTF Write-up

Room: Offensive Security Intro

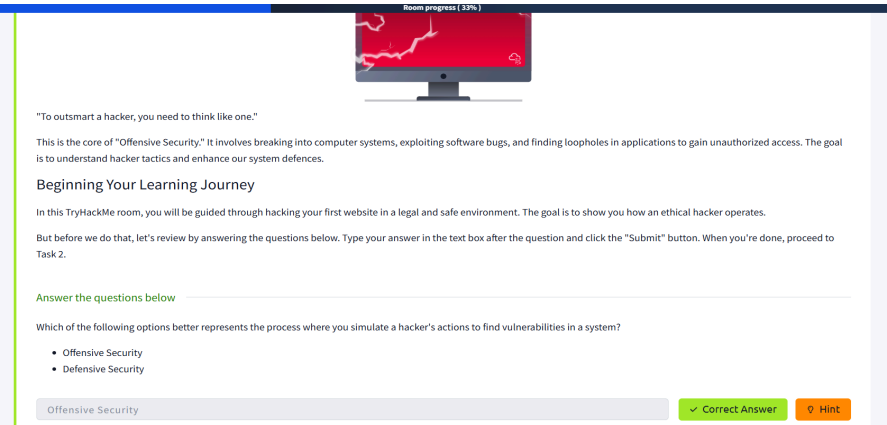
Prepared by: Shifna. N

Date: July 09, 2025

This write-up documents the step-by-step process of completing the “Offensive Security Intro” room on TryHackMe. The room walks users through the core ideas of ethical hacking using a simulated banking platform.



◆ Task 1: What is Offensive Security?

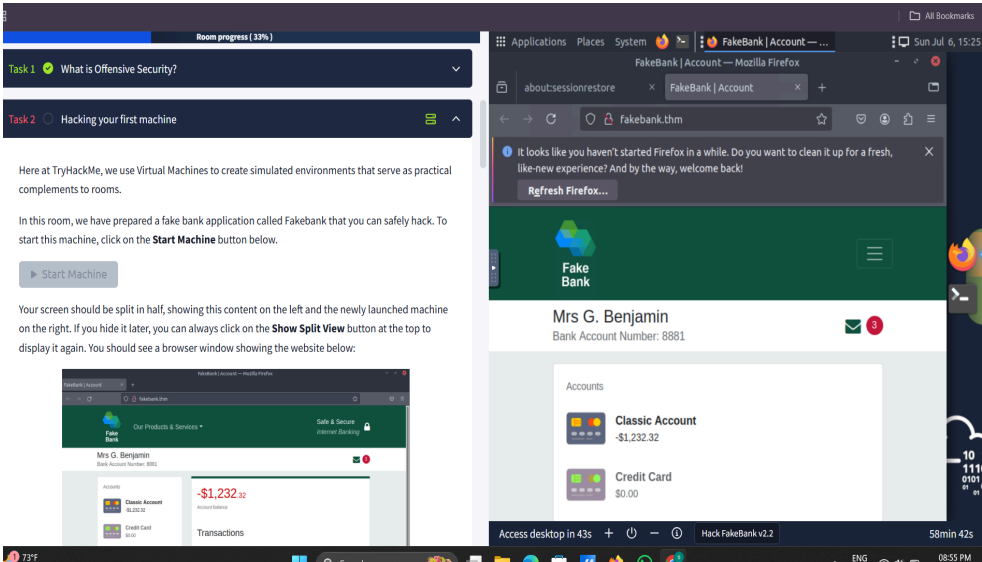


Offensive Security involves proactively simulating cyber attacks to discover vulnerabilities before actual attackers do. This task introduced the key concept of “thinking like a hacker to outsmart a hacker.”

Correct answer submitted:
Offensive Security

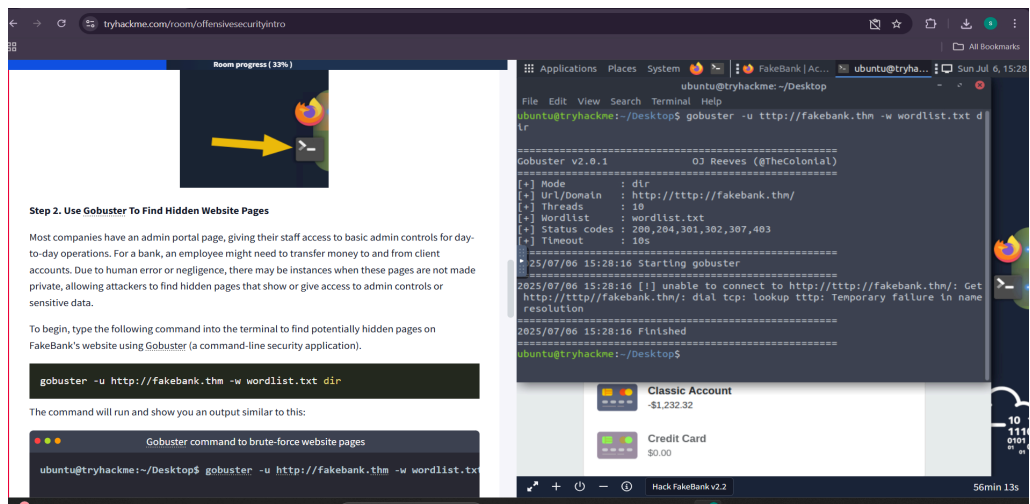
◆ Task 2: Hacking your first machine

TryHackMe uses virtual machines to simulate hacking environments. Here, we launched the ‘FakeBank’ virtual machine to begin exploring its vulnerabilities in a safe and legal setup. The system showed a browser window on the right displaying FakeBank’s customer dashboard.



After the machine started, the FakeBank application loaded. It shows a pretend banking website. On the screen, you see the account details for “Mrs. G. Benjamin,” just like a real user would when logged in.

▪ Step 1: Using Gobuster to Discover Hidden Pages

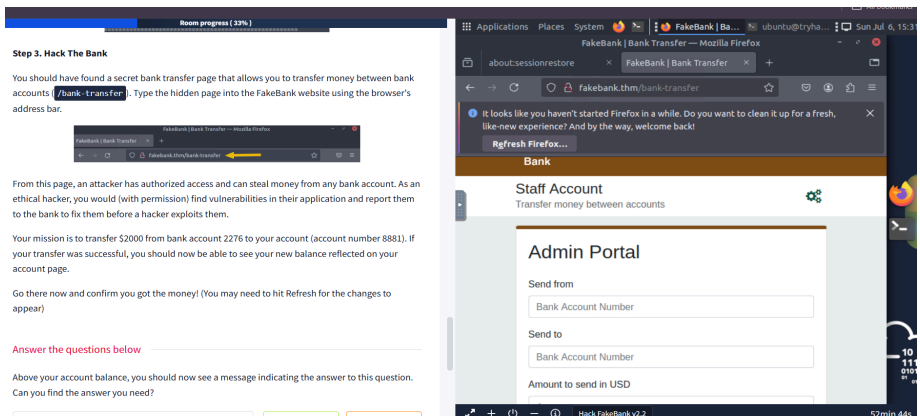


We used the terminal command:
gobuster -u http://fakebank.thm -w wordlist.txt dir
This attempts to discover hidden or private admin pages. Initially, the command failed because of an extra `http://` in the URL

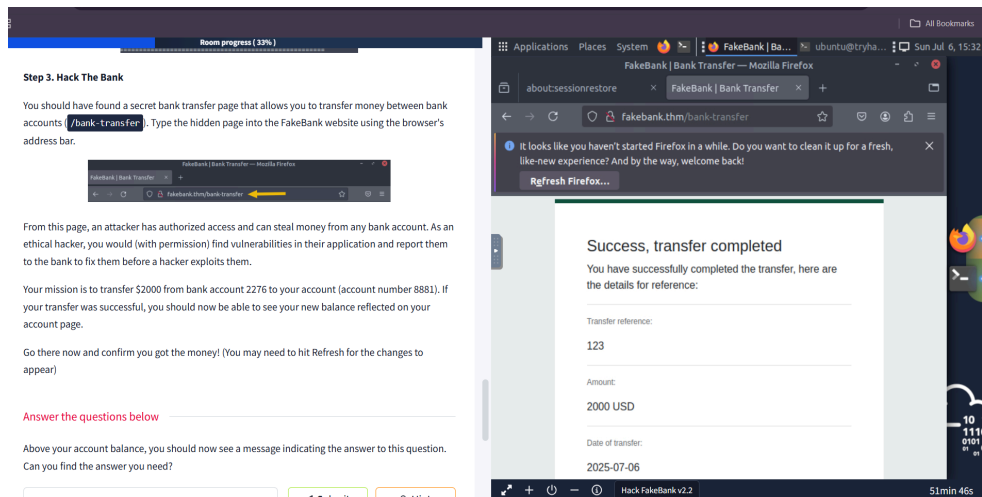
(`http://http://fakebank.thm`), which had to be corrected for Gobuster to work properly.

▪ Step 2: Hack the Bank
• Accessing /bank-transfer

Gobuster helped discover a hidden page: **/bank-transfer**. Navigating to this URL revealed an admin portal for transferring money between bank accounts. This represents a critical vulnerability that an ethical hacker would report.



▪ Transferring Funds



On the `/bank-transfer` page, I initiated a transfer of \$2000 from account 2276 to my own account 8881. The application returned a confirmation message stating "Success, transfer completed," with reference ID and transfer details — proving the operation was executed without any authentication barrier.

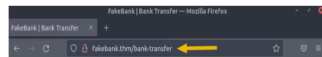
•Verifying the Result

After the transfer, revisiting the account page confirmed the new balance and showed a congratulatory banner:

“Congratulations - you hacked the bank! The answer to the TryHackMe question is **BANK-HACKED**.”

This marks the completion of the task and highlights the seriousness of exposed admin panels in real-world application.

accounts | Bank Transfer | type the hidden page into the fakebank website using the browser's address bar.



From this page, an attacker has authorized access and can steal money from any bank account. As an ethical hacker, you would (with permission) find vulnerabilities in their application and report them to the bank to fix them before a hacker exploits them.

Your mission is to transfer \$2000 from bank account 2276 to your account (account number 8881). If your transfer was successful, you should now be able to see your new balance reflected on your account page.

So there now and confirm you got the money! (You may need to hit Refresh for the changes to appear)

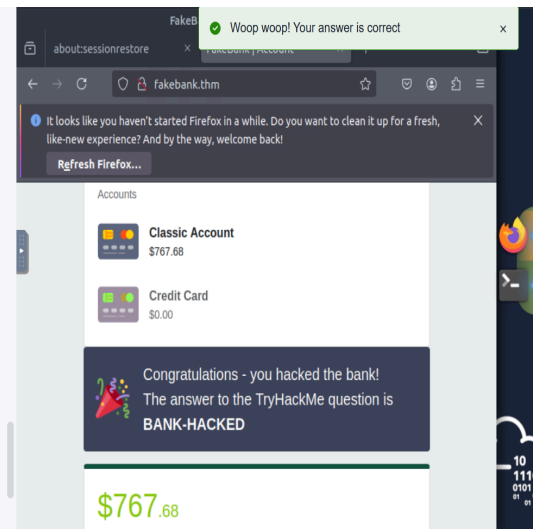
Answer the questions below

Above your account balance, you should now see a message indicating the answer to this question. Can you find the answer you need?

BANK-HACKED

✓ Correct Answer

🔍 Hint



Correct answer submitted: **BANK-HACKED**