# 🛡️ TryHackMe: Intro to Offensive Security

**Title:** **Intro to Offensive Security: FakeBank Walkthrough**
**Platform :** **TryHackMe**
**Author:** ***Abhinav V R***
**Date:** **10 July 2025**

## 🧭 Room Overview :

This task simulates an attack on a mock bank web application, demonstrating how ethical hackers discover hidden entry points using reconnaissance tools and basic enumeration.

## 🎯 Objective :

- ❖ Understand offensive vs. defensive security.
- ❖ Use *dirb* to discover hidden web pages.
- ❖ Exploit a hidden deposit feature to manipulate bank account balance.
- ❖ Capture the flag from the successful exploit.

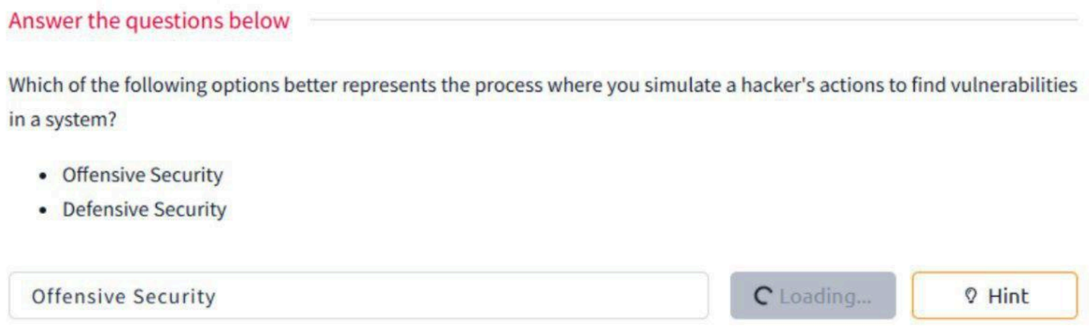
## 🔍 Tools & Techniques Used :

- ❖ *dirb* – Used to brute-force hidden directories on the website.
- ❖ Browser & Terminal** – Access and investigate discovered hidden URLs.
- ❖ TryHackMe AttackBox** – The virtual machine used for scanning and exploitation.

## ❓ Questions & Answers :

**1.** Which of the following options better represents the process where you simulate a hacker's actions to find vulnerabilities in a system?

**Answer:** Offensive Security



Answer the questions below

Which of the following options better represents the process where you simulate a hacker's actions to find vulnerabilities in a system?

- Offensive Security
- Defensive Security

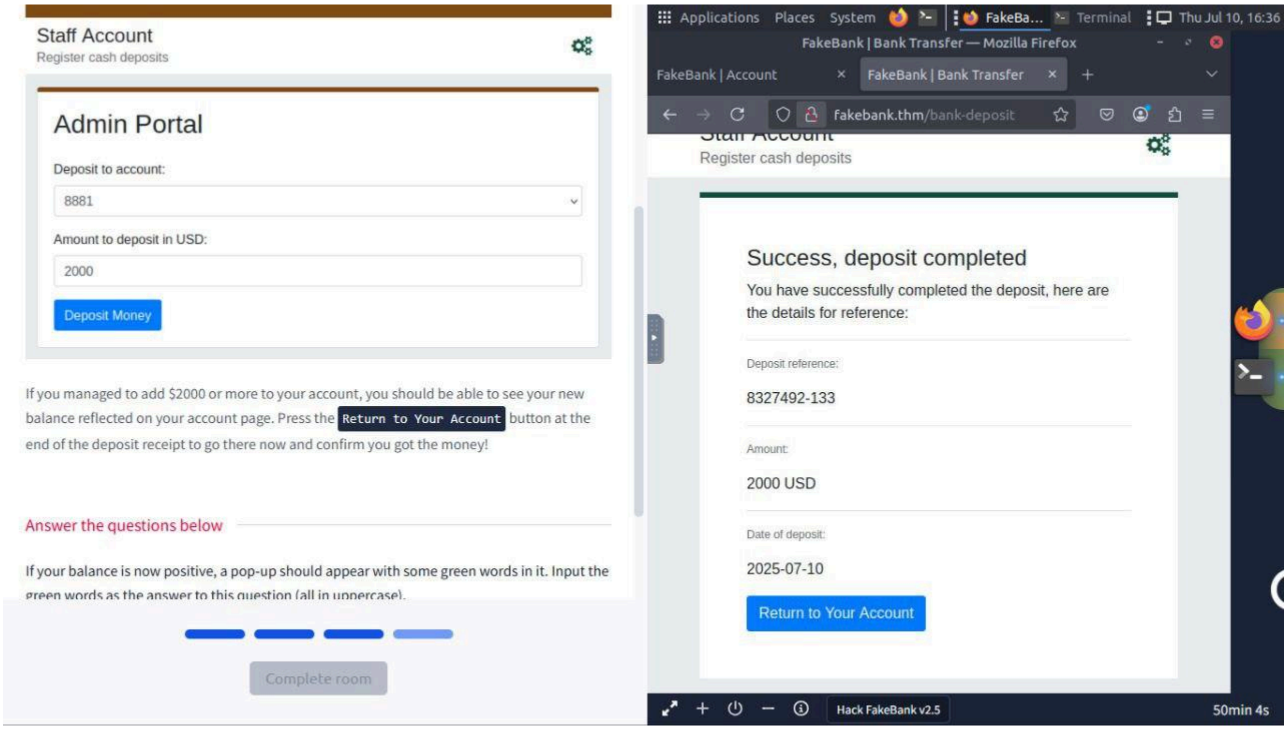
Offensive Security

**2.** What is your bank account number in the FakeBank web application?

**Answer:** 8881

**3.** Dirb should have found 2 hidden URLs. One of them is http://fakebank.thm/images. What is the other one?

**Answer:** http://fakebank.thm/bank-deposit



If you managed to add $2000 or more to your account, you should be able to see your new balance reflected on your account page. Press the `Return to Your Account` button at the end of the deposit receipt to go there now and confirm you got the money!

Answer the questions below

If your balance is now positive, a pop-up should appear with some green words in it. Input the green words as the answer to this question (all in uppercase).

Complete room
Applications Places System FakeBa... Terminal Thu Jul 10, 16:36
FakeBank | Bank Transfer — Mozilla Firefox
FakeBank | Account
FakeBank | Bank Transfer
fakebank.thm/bank-deposit
Staff Account
Register cash deposits

Success, deposit completed

You have successfully completed the deposit, here are the details for reference:

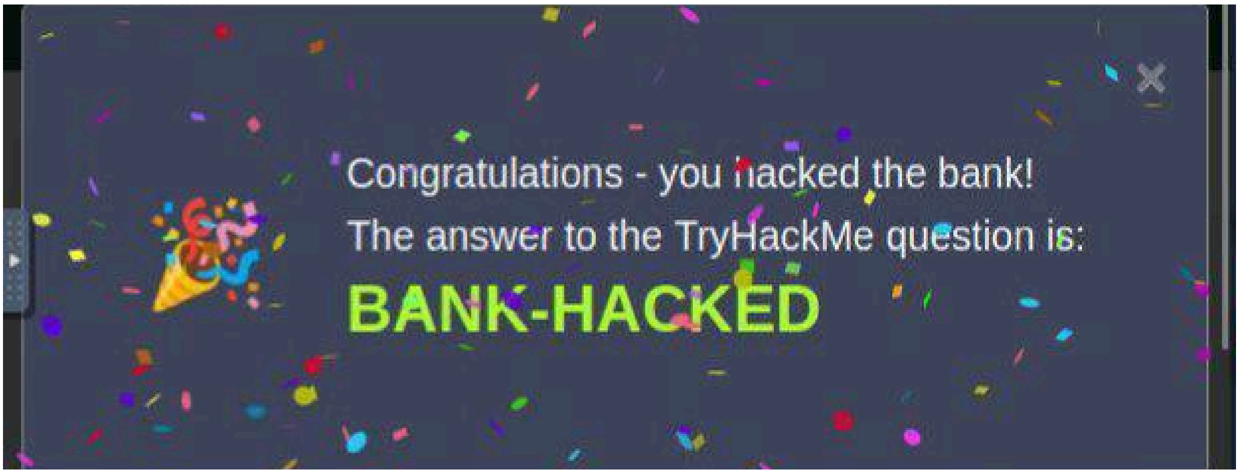
Deposit reference: 8327492-133

Amount: 2000 USD

Date of deposit: 2025-07-10

**4.** If your balance is now positive, a pop-up should appear with some green words in it. Input the green words as the answer to this question (all in uppercase).

**Answer:** BANK-HACKED



Congratulations - you hacked the bank!

The answer to the TryHackMe question is:

BANK-HACKED

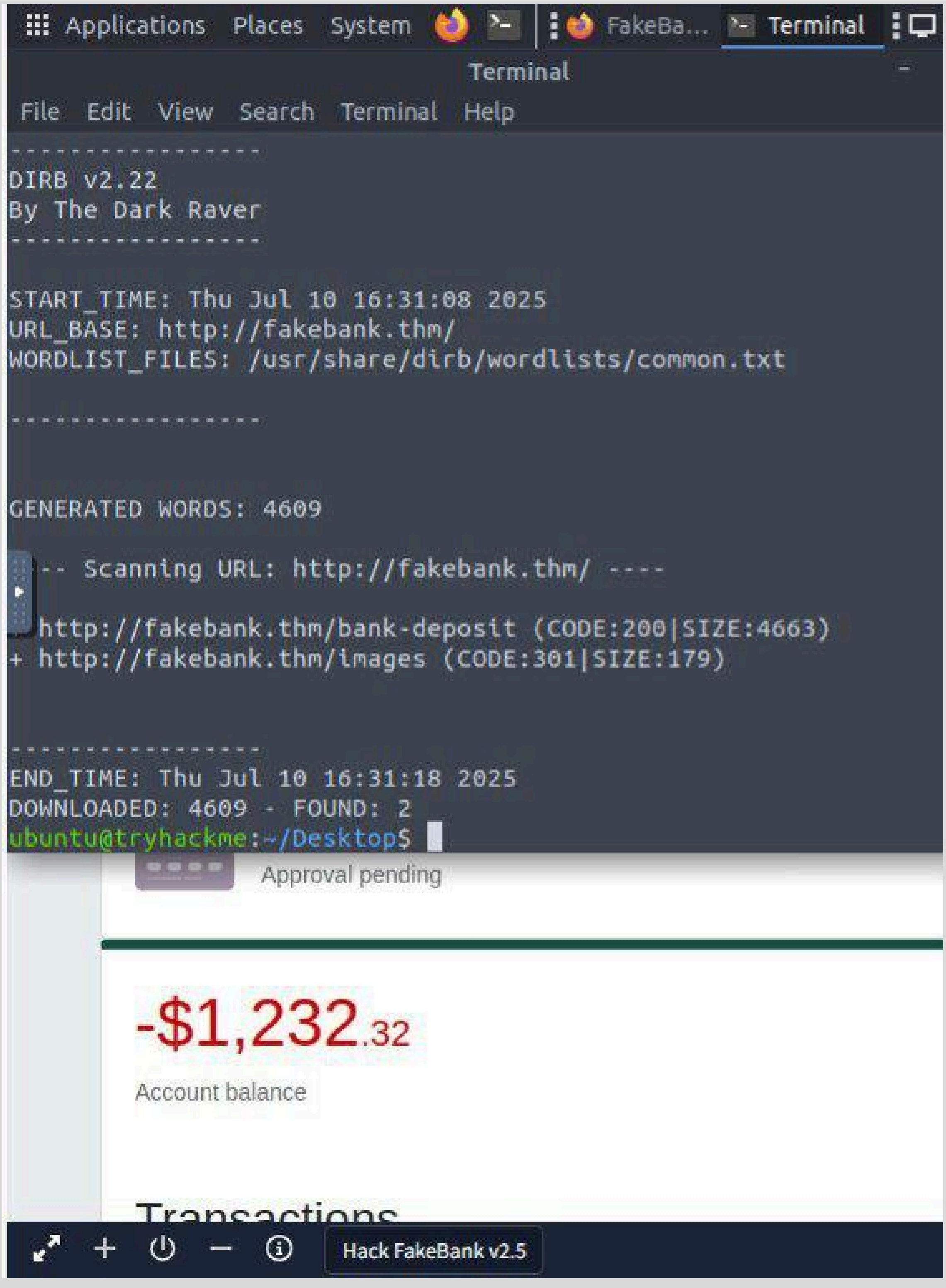
## 🔧 Step-by-Step Walkthrough :

1. Launched the FakeBank virtual machine provided by TryHackMe.

2. Opened a terminal inside the AttackBox VM environment.

3. Executed the `dirb` command to perform brute-force directory discovery:

```
dirb http://fakebank.thm
```



```
-----------------
DIRB v2.22
By The Dark Raver
-----------------

START_TIME: Thu Jul 10 16:31:08 2025
URL_BASE: http://fakebank.thm/
WORDLIST_FILES: /usr/share/dirb/wordlists/common.txt

-----------------


GENERATED WORDS: 4609

---- Scanning URL: http://fakebank.thm/ ----

+ http://fakebank.thm/bank-deposit (CODE:200|SIZE:4663)
+ http://fakebank.thm/images (CODE:301|SIZE:179)


-----------------
END_TIME: Thu Jul 10 16:31:18 2025
DOWNLOADED: 4609 - FOUND: 2
ubuntu@tryhackme:~/Desktop$
```

Approval pending

-$1,232.32

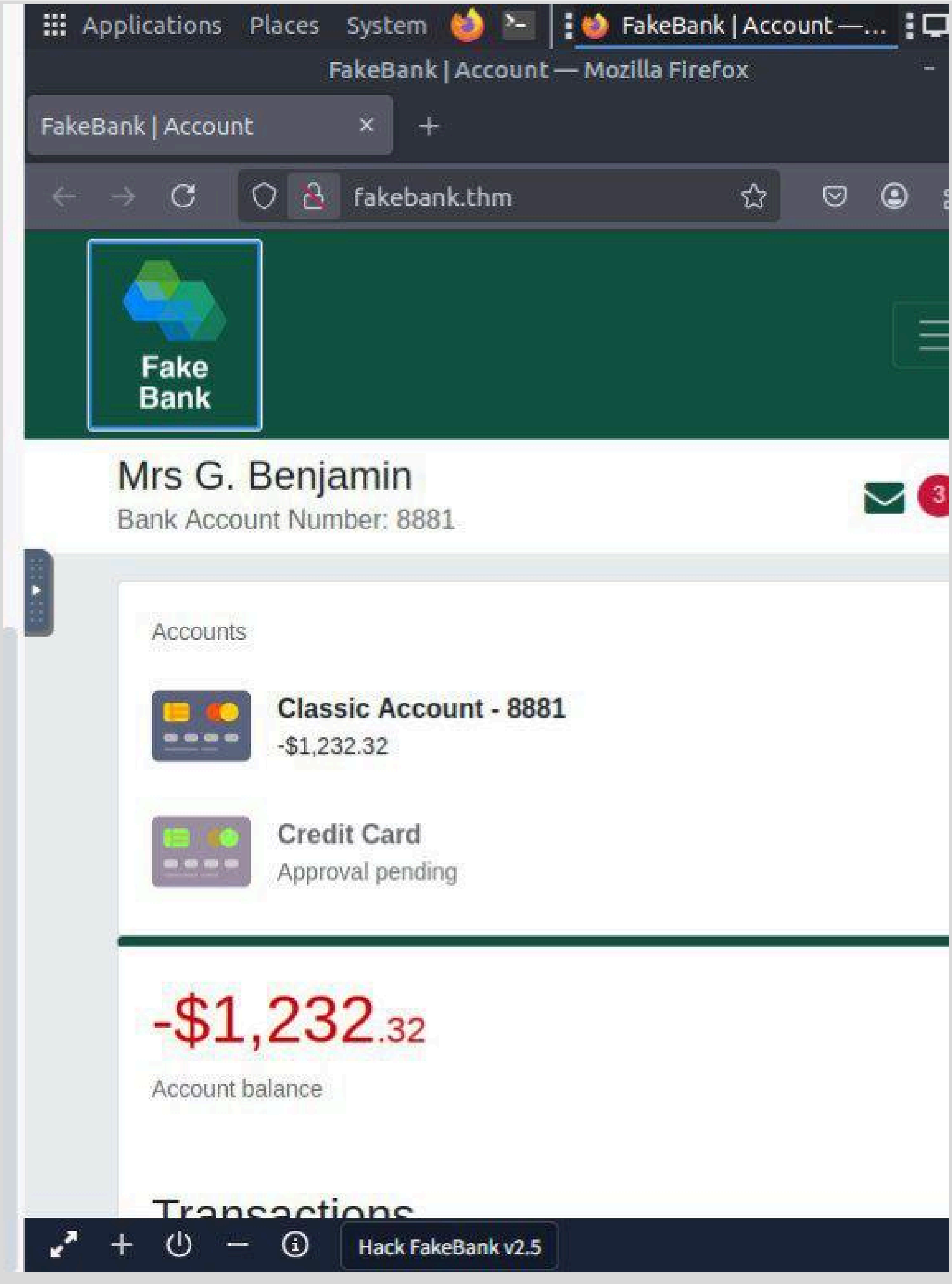
Account balance

Transactions

4. Discovered two hidden URLs:

`http://fakebank.thm/images`

[http://fakebank.thm/bank-deposit](http://fakebank.thm/bank-deposit)



Mrs G. Benjamin
Bank Account Number: 8881

Accounts

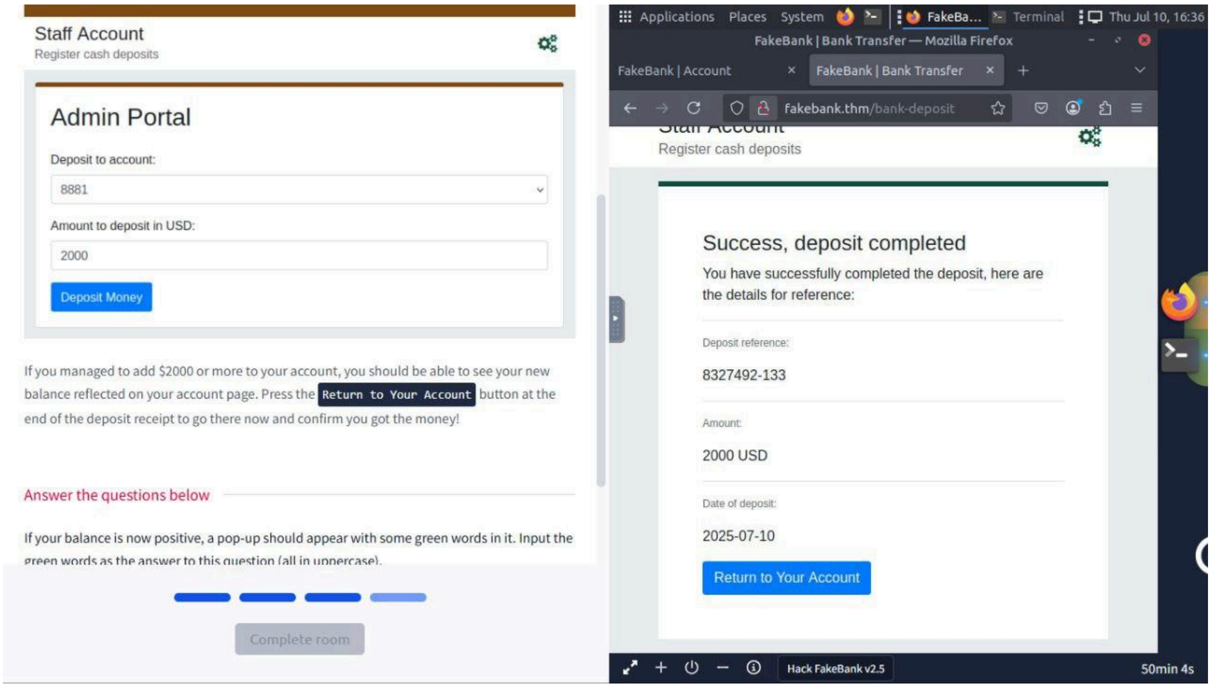
Classic Account - 8881
-$1,232.32

Credit Card
Approval pending

-$1,232.32
Account balance

Transactions

5. Navigated to the `/bank-deposit` page and submitted a deposit of `$2000` to account number `8881`.



Staff Account
Register cash deposits

Admin Portal

Deposit to account: 8881

Amount to deposit in USD: 2000

Deposit Money

If you managed to add $2000 or more to your account, you should be able to see your new balance reflected on your account page. Press the `Return to Your Account` button at the end of the deposit receipt to go there now and confirm you got the money!

Answer the questions below

If your balance is now positive, a pop-up should appear with some green words in it. Input the green words as the answer to this question (all in uppercase).

Success, deposit completed

You have successfully completed the deposit, here are the details for reference:

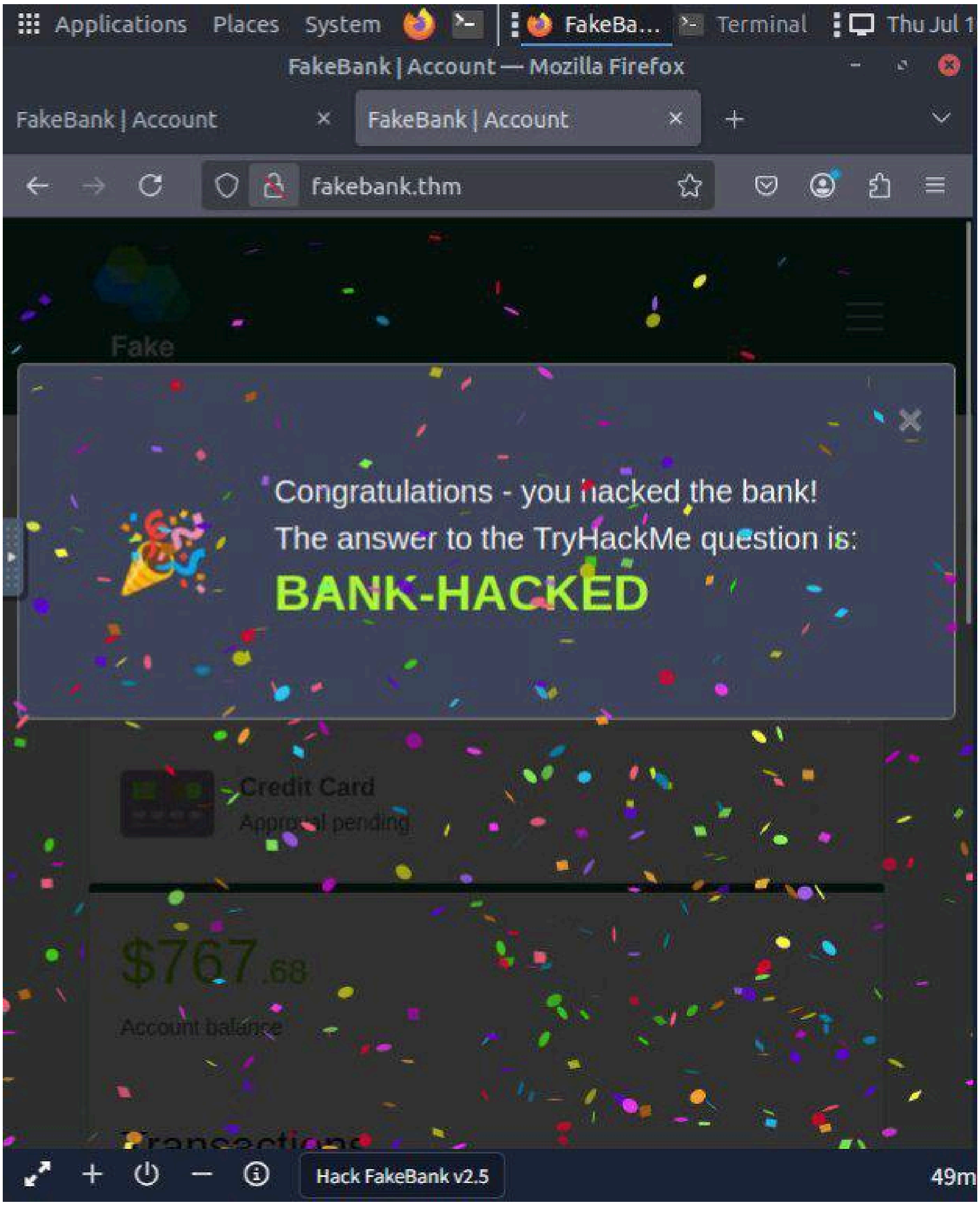
Deposit reference: 8327492-133

Amount: 2000 USD

Date of deposit: 2025-07-10

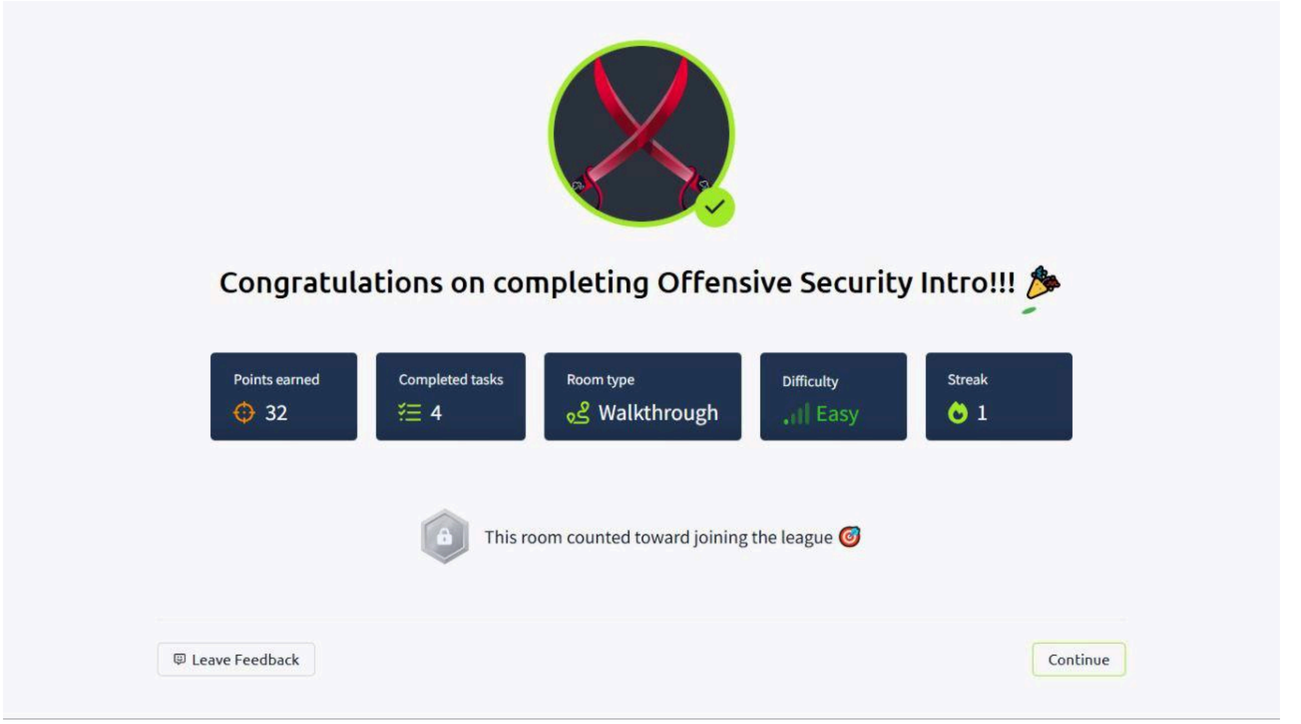
6. Returned to the account dashboard and verified the balance update.

7. Captured the **green flag** displayed in a pop-up notification, indicating success.



Congratulations - you hacked the bank!
The answer to the TryHackMe question is:
BANK-HACKED

# 📃 Completion Certificate



Congratulations on completing Offensive Security Intro!!! 🎉

| Points earned | Completed tasks | Room type | Difficulty | Streak |
|---|---|---|---|---|
| 32 | 4 | Walkthrough | Easy | 1 |

This room counted toward joining the league 🎯

## 📝 Reflections :

This exercise highlighted:

- ❖ The effectiveness of simple brute-forcing techniques like *dirb*.
- ❖ The importance of hidden URL enumeration in web penetration testing.
- ❖ How attackers escalate from information discovery to access

Completing this room helped solidify foundational knowledge in offensive security. The practical tasks reinforced the importance of structured attack strategies and understanding how attackers think. It’s a great stepping stone toward more advanced rooms

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**10 July 2025**