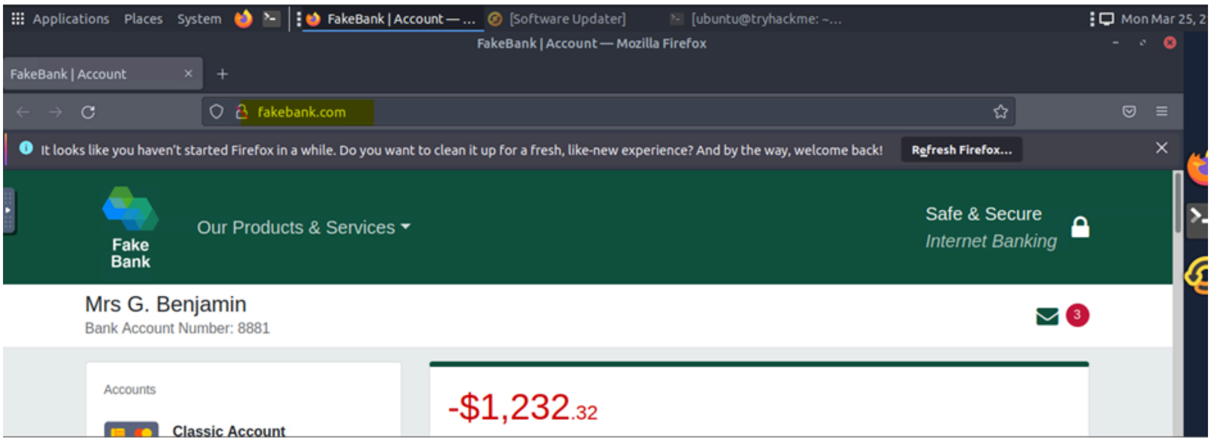
Intro to Offensive Security

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

Starting the Machine

I accessed a fake bank application called FakeBank by clicking on the "Start Machine" button.



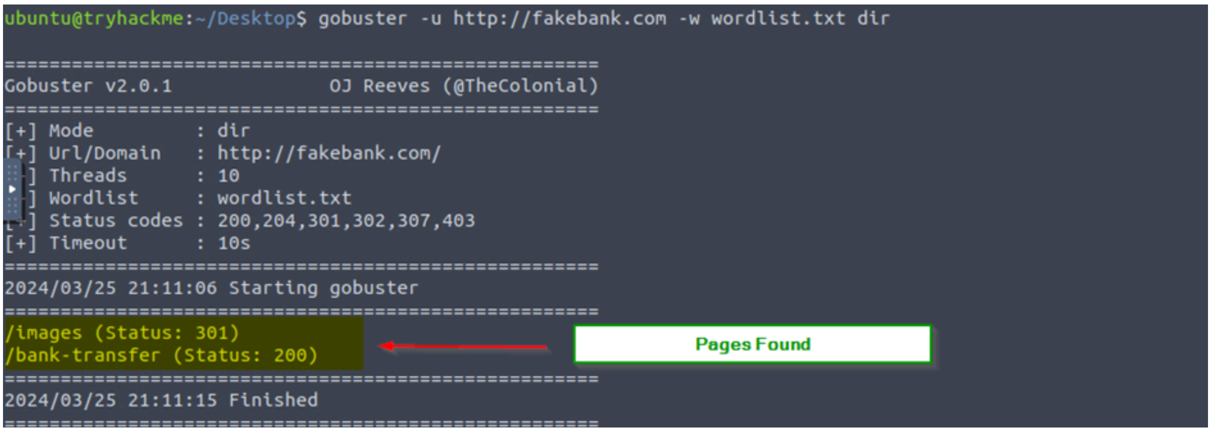
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!

Mrs G. Benjamin
Bank Account Number: 8881

-$1,232.32

Directory Enumeration

I used the GoBuster tool in my terminal to perform a directory brute-force attack on the FakeBank website. This revealed two directories: "images" and "bank-transfer". The "images" directory was permanently moved(Status Code 301), while the "bank-transfer" directory was accessible and returned a successful response(Status Code 200)
Command: `gobuster -u http://fakebank.com -w wordlist.txt dir`

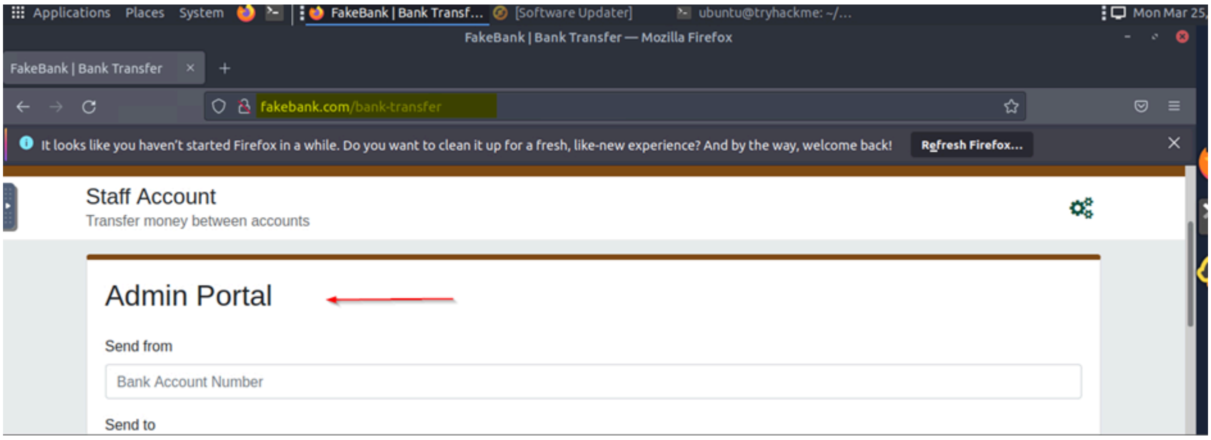


```
ubuntu@tryhackme:~/Desktop$ gobuster -u http://fakebank.com -w wordlist.txt dir

=====================================================
Gobuster v2.0.1              OJ Reeves (@TheColonial)
=====================================================
[+] Mode         : dir
[+] Url/Domain   : http://fakebank.com/
[+] Threads      : 10
[+] Wordlist     : wordlist.txt
[+] Status codes : 200,204,301,302,307,403
[+] Timeout      : 10s
=====================================================
2024/03/25 21:11:06 Starting gobuster
=====================================================
/images (Status: 301)
/bank-transfer (Status: 200)
=====================================================
2024/03/25 21:11:15 Finished
=====================================================
```

Pages Found

Upon investigating the content of the "bank-transfer" page, I gained access to the admin portal.



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Staff Account

Transfer money between accounts

Admin Portal

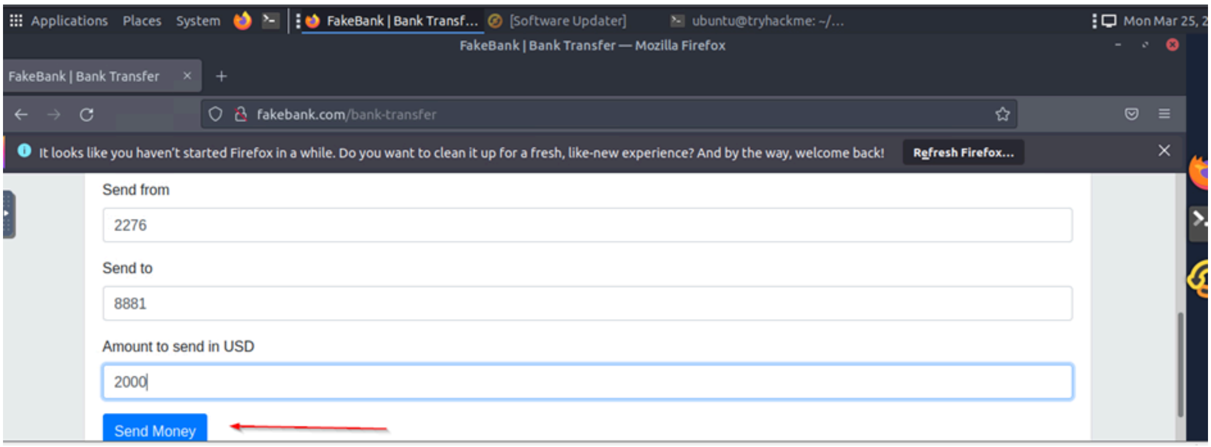
Send from

Bank Account Number

Send to

Exploitation

I initiated a transfer of $2000 from bank account 2276 to my account number 8881, and proceeded by clicking on the "Send Money" button.



Applications Places System
FakeBank | Bank Transf...
[Software Updater]
ubuntu@tryhackme: ~/...
Mon Mar 25, 2
FakeBank | Bank Transfer — Mozilla Firefox
FakeBank | Bank Transfer
fakebank.com/bank-transfer
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...

Send from

2276

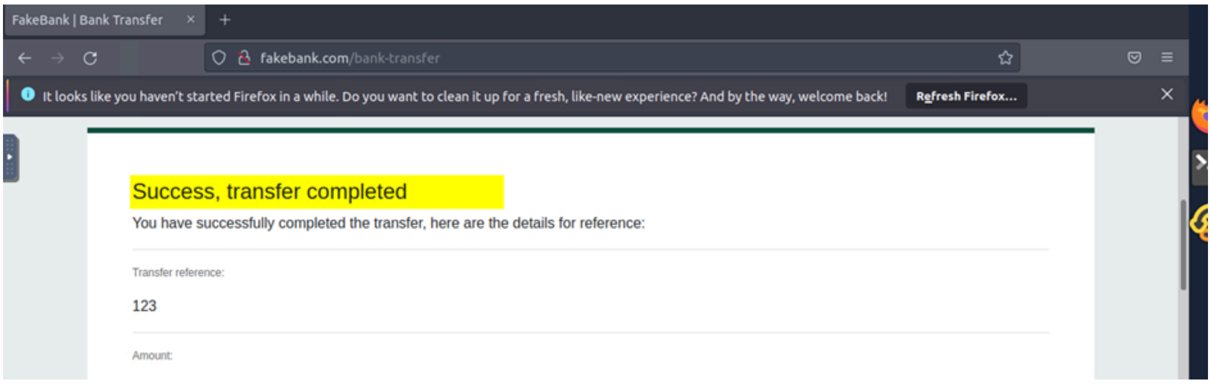
Send to

8881

Amount to send in USD

2000

My transfer is successful



FakeBank | Bank Transfer
fakebank.com/bank-transfer
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...

Success, transfer completed

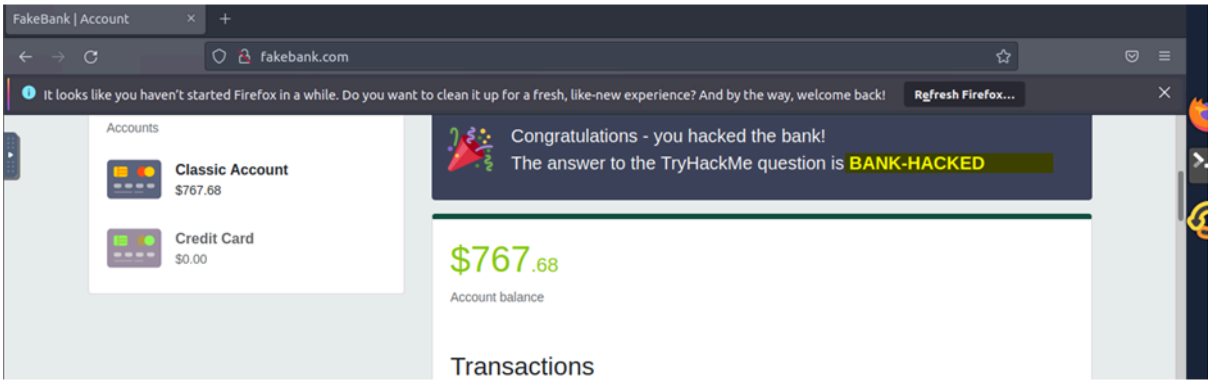
You have successfully completed the transfer, here are the details for reference:

Transfer reference:

123

Amount:

I get the flag: BANK-HACKED



FakeBank | Account
fakebank.com
It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!
Refresh Firefox...

Accounts

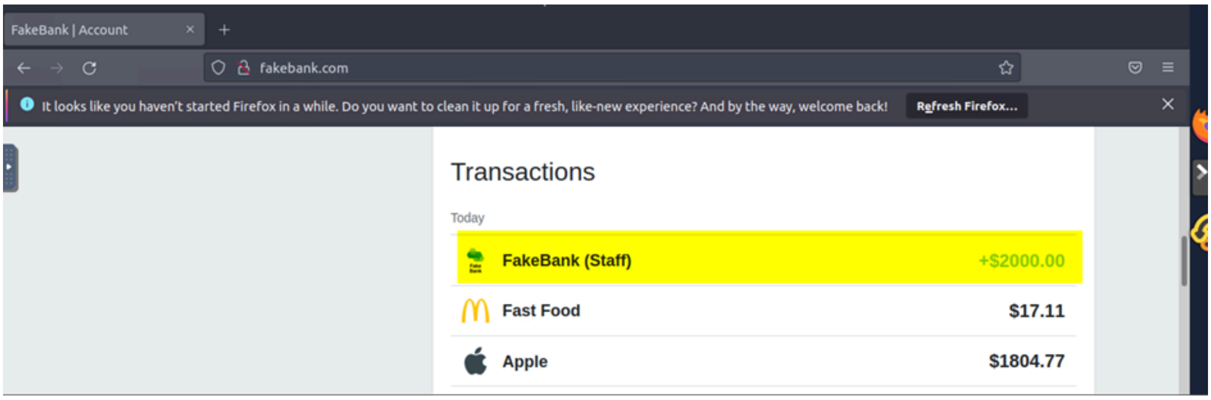
Classic Account
$767.68

Credit Card
$0.00

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

$767.68
Account balance

Transactions



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Transactions

Today

FakeBank (Staff)	+$2000.00
Fast Food	$17.11
Apple	$1804.77

Then i terminated the machine

END!!!