Room 1: Offensive Security Intro.

Summary:

- This room entails an offensive security simulation. It demonstrates how hackers can manipulate hidden, vulnerable pages for their gain – prompting the need for a Red Team.
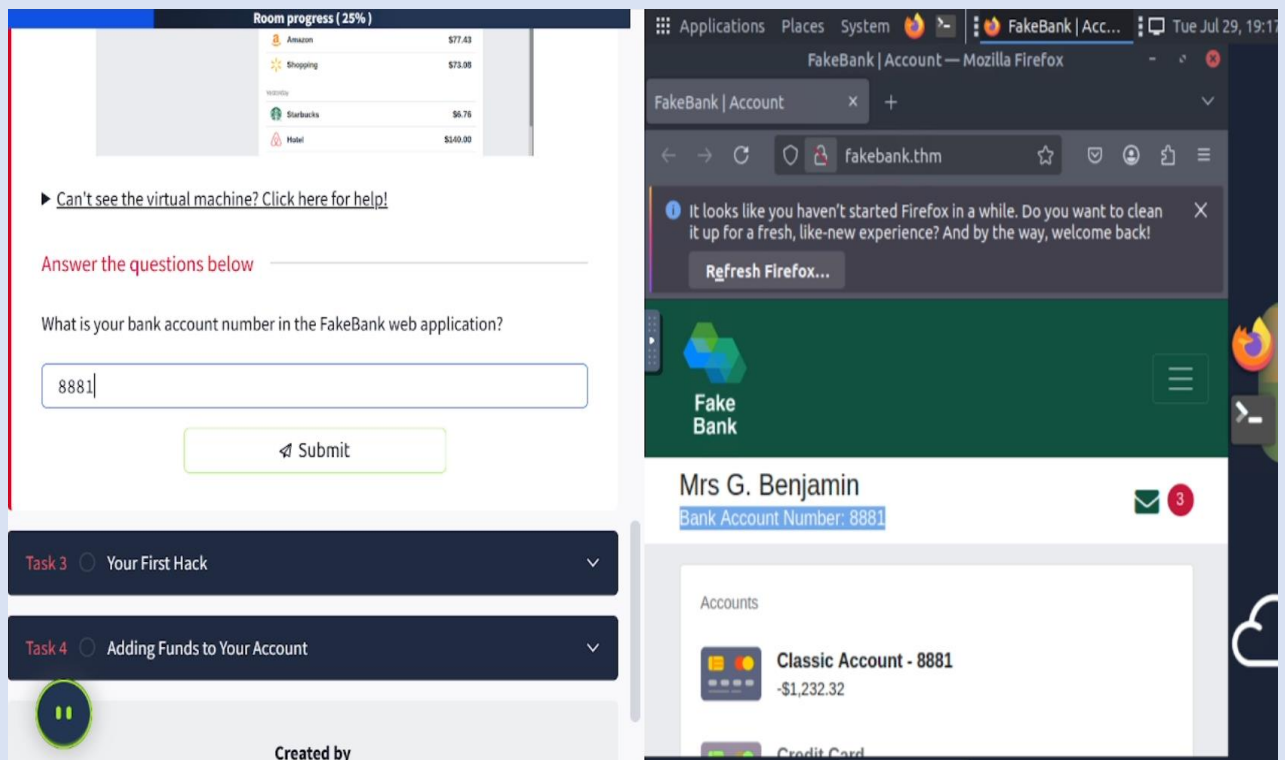
Objective:

- To hack an online banking web application (legally in a safe environment), to mimic ethical hackers
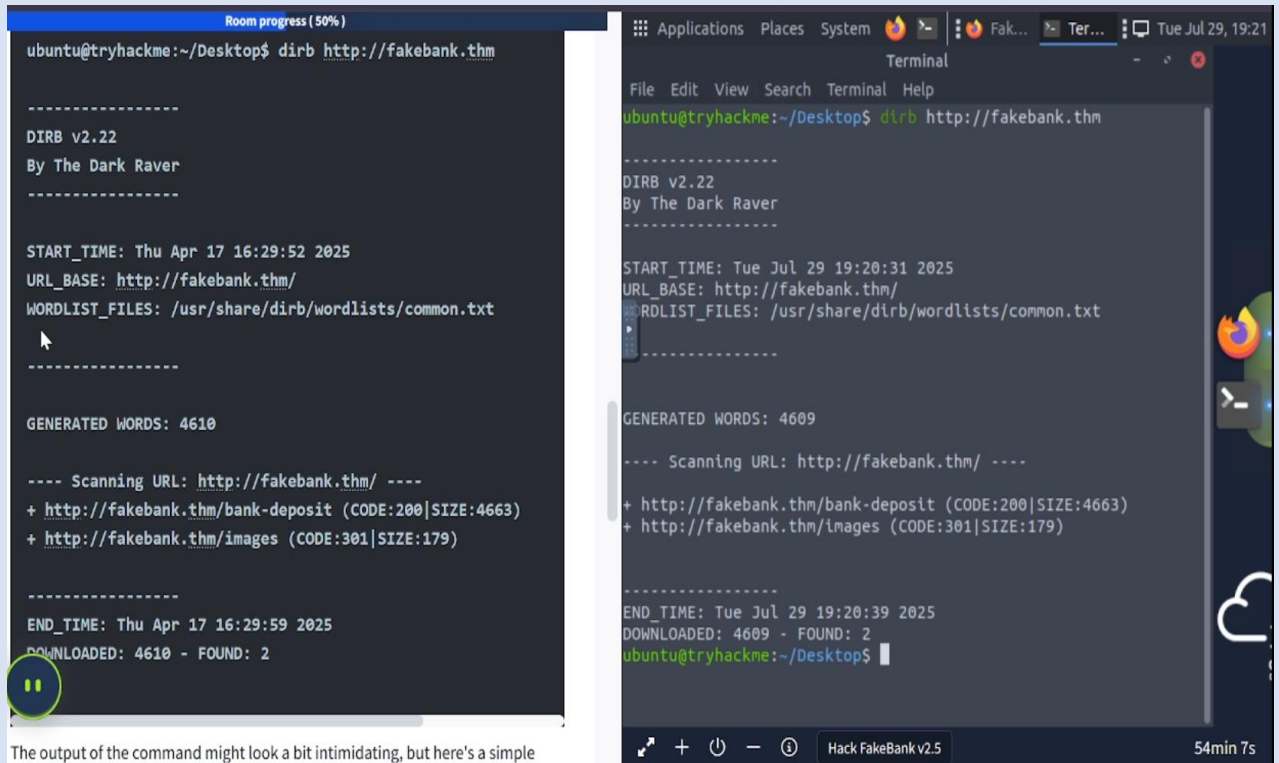
Tools Used:

- TryHackMe Linux Terminal
- dirb command
- Fakebank Web application

Steps Taken:

- Identified the Fakebank website application vulnerable page

- Brute-forced the Fakebank website page URL


```
ubuntu@tryhackme:~/Desktop$ dirb http://fakebank.thm

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DIRB v2.22
By The Dark Raver
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START_TIME: Thu Apr 17 16:29:52 2025
URL_BASE: http://fakebank.thm/
WORDLIST_FILES: /usr/share/dirb/wordlists/common.txt

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GENERATED WORDS: 4610

---- 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 Apr 17 16:29:59 2025
DOWNLOADED: 4610 - FOUND: 2
```

The output of the command might look a bit intimidating, but here's a simple

```
ubuntu@tryhackme:~/Desktop$ dirb http://fakebank.thm

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DIRB v2.22
By The Dark Raver
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START_TIME: Tue Jul 29 19:20:31 2025
URL_BASE: http://fakebank.thm/
WORDLIST_FILES: /usr/share/dirb/wordlists/common.txt

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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)

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END_TIME: Tue Jul 29 19:20:39 2025
DOWNLOADED: 4609 - FOUND: 2
ubuntu@tryhackme:~/Desktop$
```
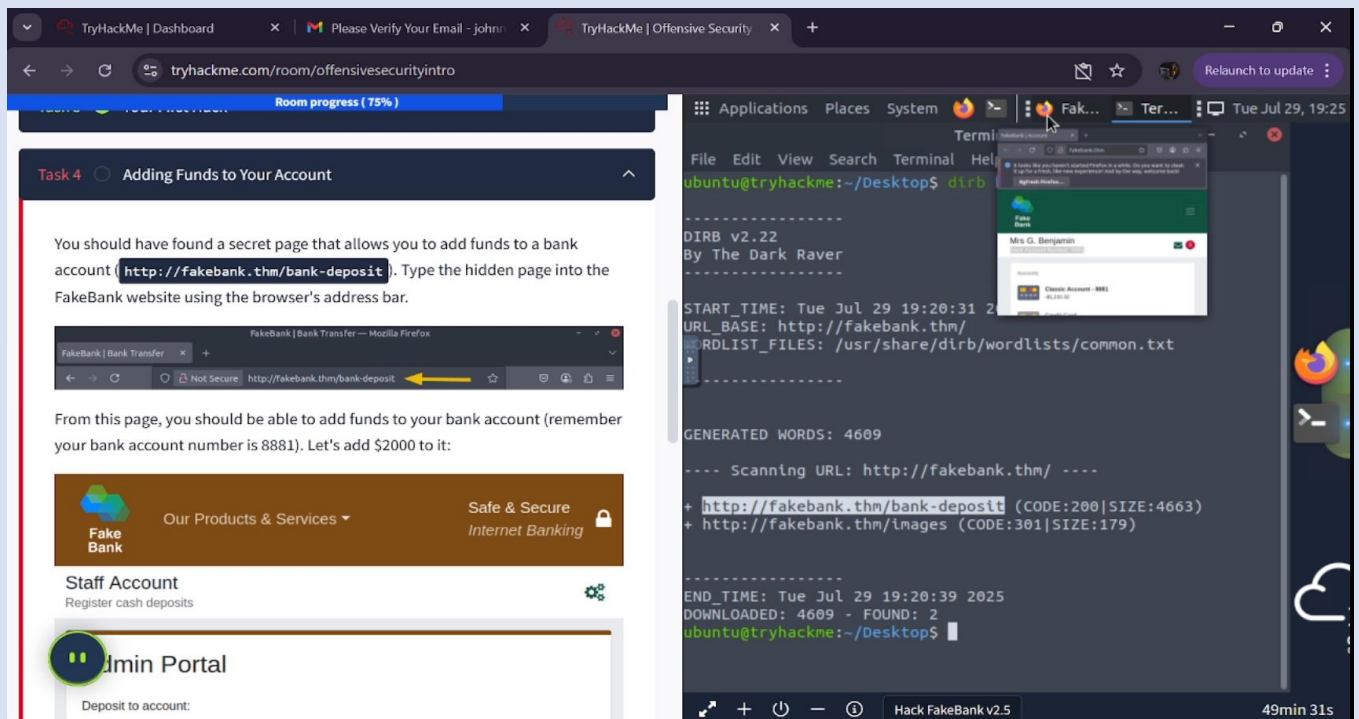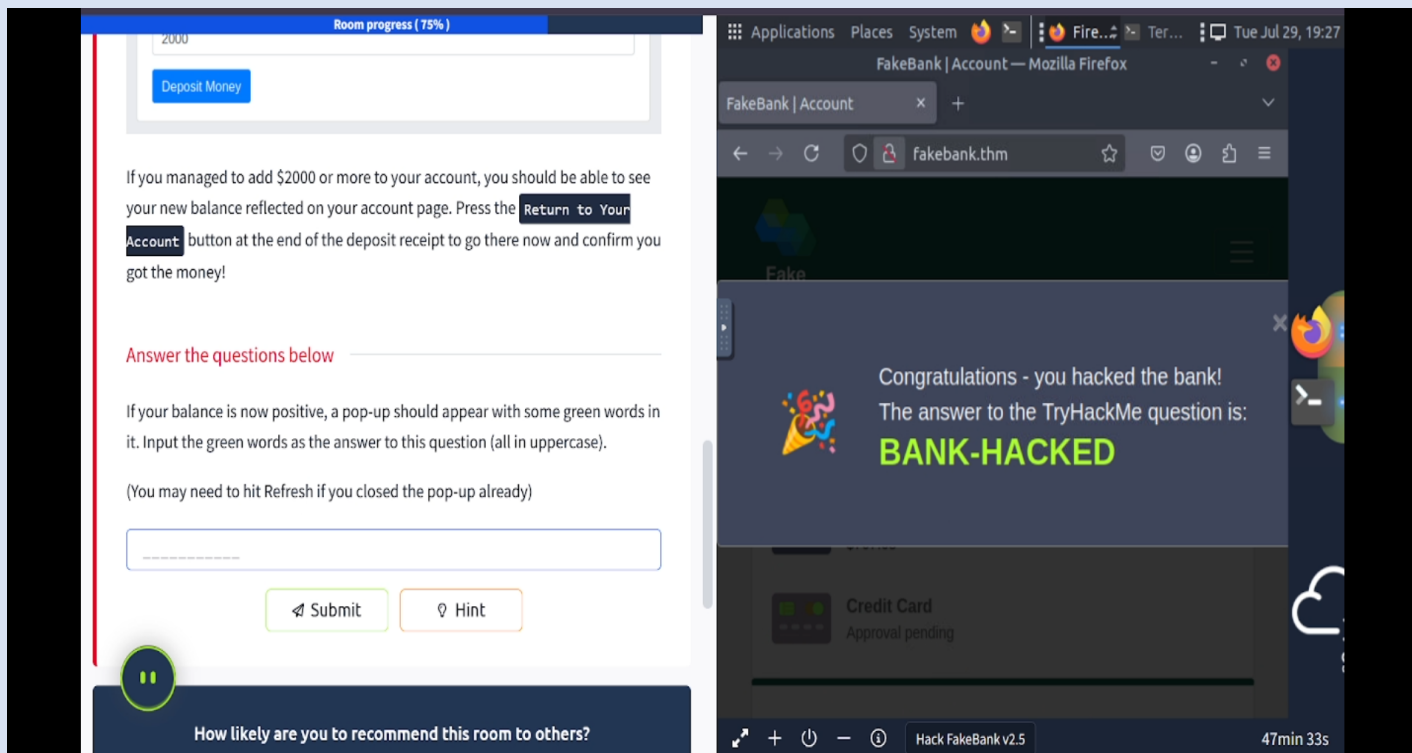
- Identified the hidden 'bank-deposit' page and transferred 2000 USD to my bank account

Flag(s):

- BANCK – HACKED

Lessons Learned:

- I successfully identified hidden vulnerable pages and demonstrated how they can be exploited, hence prompting the need to strengthen the web app security.