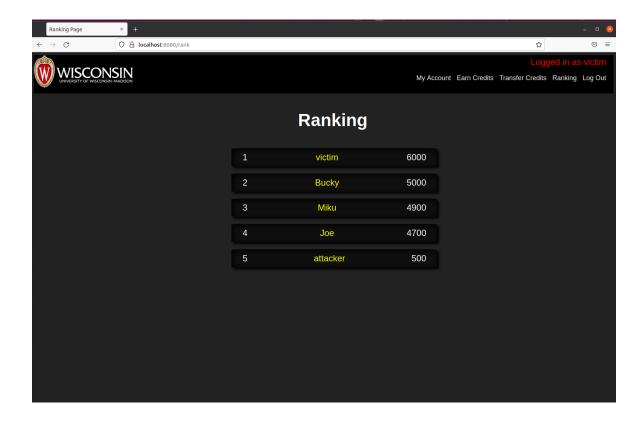
## CS 542 – Introduction to Software Security Exercise on Tampering with ZAP

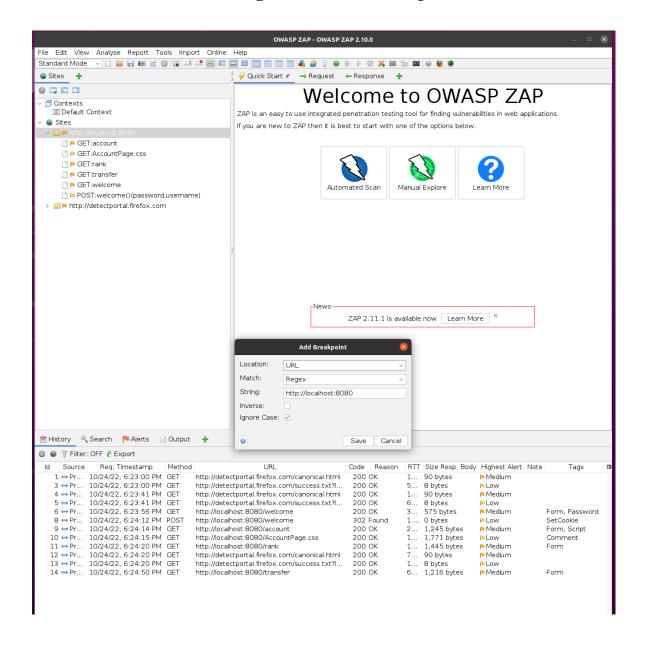
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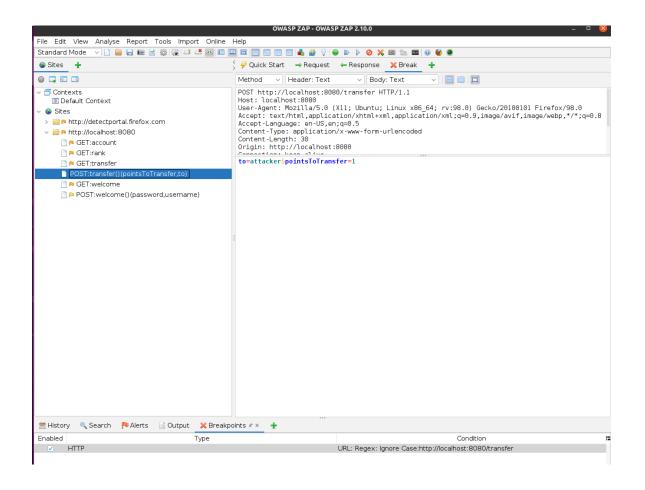
Due: October 25 at 2:30pm.

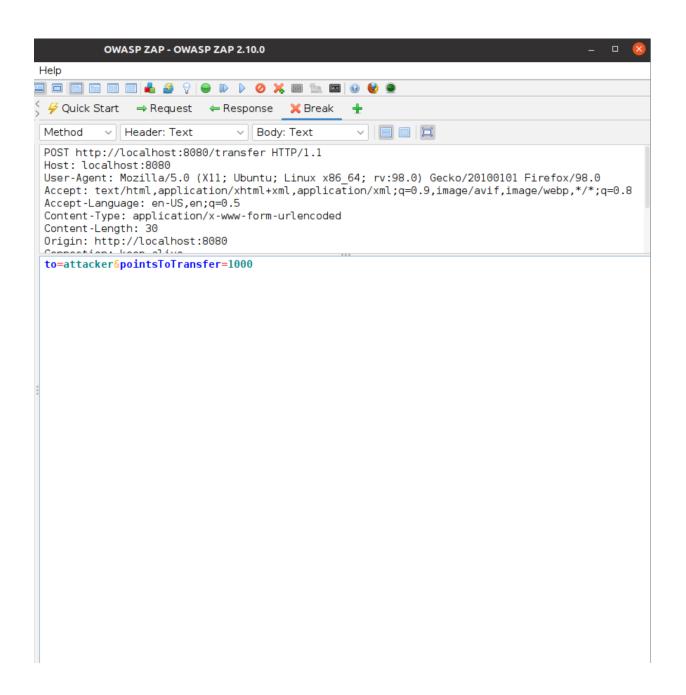
1 A screenshot showing the attackers and victim's credits, on the ranking page, before the attack.



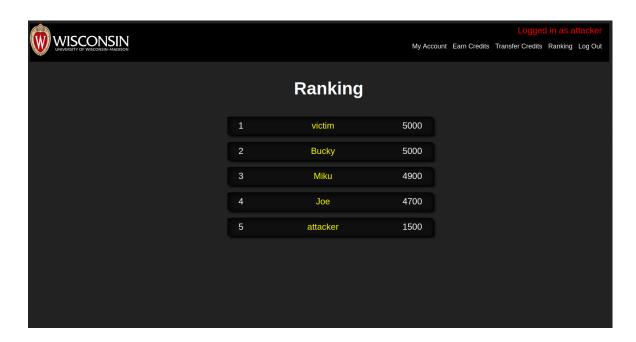
2 A screenshot showing the modified request for the attack.







3 A screenshot showing the attackers and victim's credits, on the ranking page, after the attack.



## 4 Include a description of the attack, specifically:

## 4.1 What was the attack and how did you execute it?

This is a web attack by modifying the web request through the intercepting proxy. The intercepting proxy will then send the modified malicious request to the server, instead of the original one. We execute it by simply changing the user input 1 to 1000 in the intercepting proxy.

## 4.2 What resources were required by the attacker to execute this attack?

The attacker needs an Intercepting Proxy that can send/receive the request/response between the Web Server and the user/client. The Intercepting Proxy manipulates the data/request sent by the client before passing it to the Web Server, and then to the database.