Performing Web Application and Database Attacks (4e)

Ethical Hacking, Fourth Edition - Lab 05

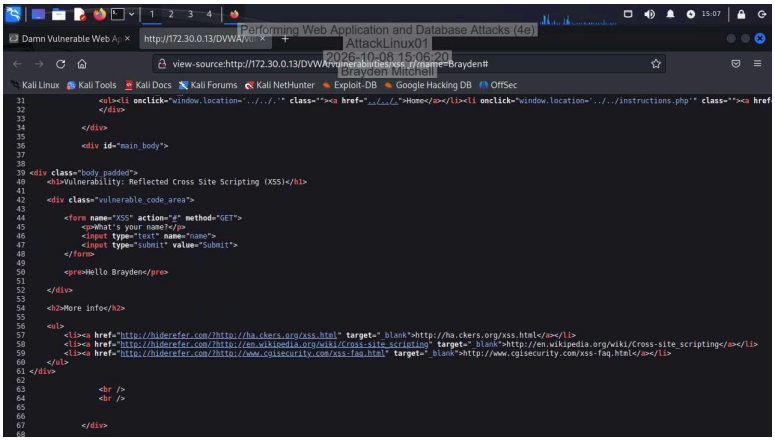
Student: Brayden Mitchell
Email: brayden.m.mitchell@gmail.com
Report Generated: Thursday, October 8, 2026 at 4:58 PM

Time on Task: 2 hours, 4 minutes
Progress: 100%

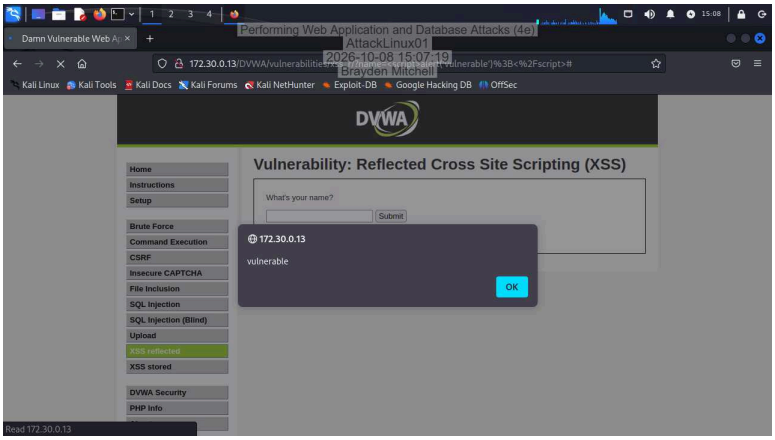
Hands-On Demonstration

Part 1: Demonstrate XSS Attacks Using DVWA

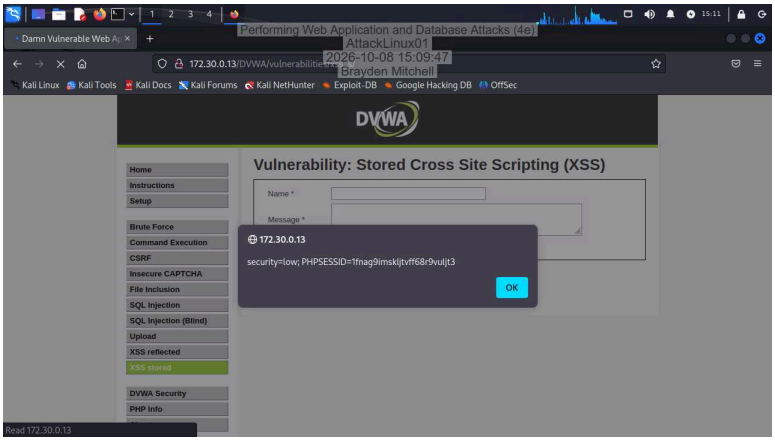
12. **Make a screen capture** showing the line with your name enclosed in < >.



15. **Make a screen capture** showing the popup.

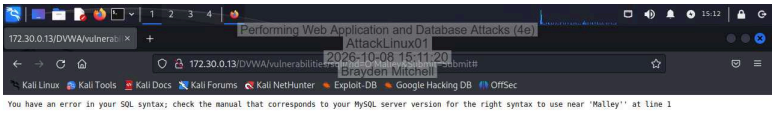


22. **Make a screen capture** showing the popup.

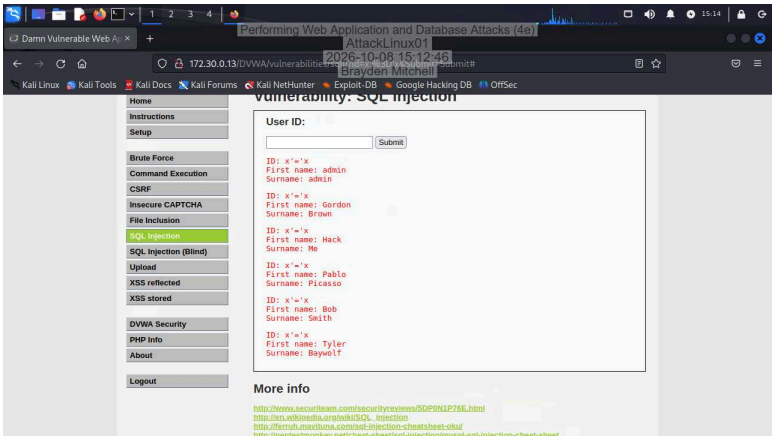


Part 2: Demonstrate SQL Injection Attacks Using DVWA

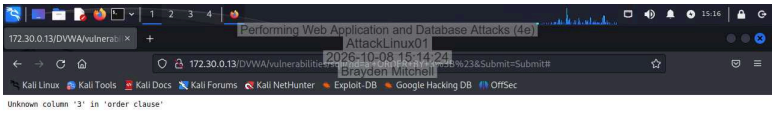
4. **Make a screen capture** showing the **SQL syntax error**.



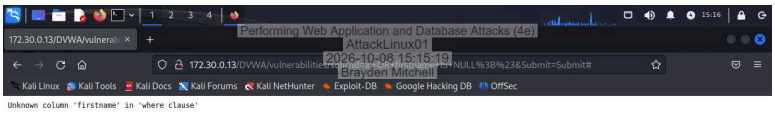
9. **Make a screen capture** showing the results of the query.



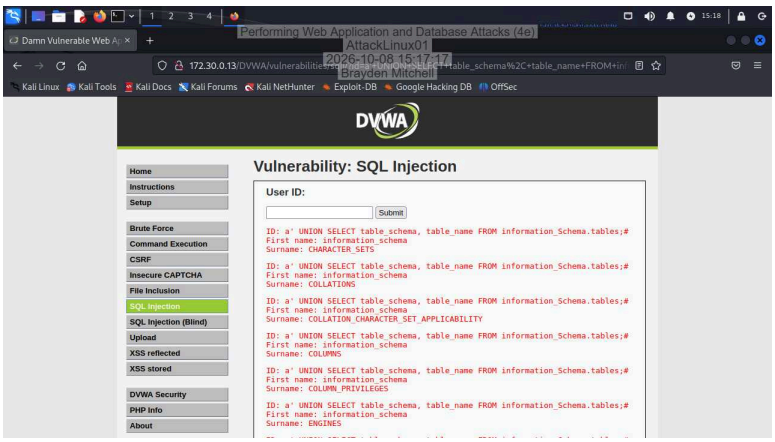
13. **Make a screen capture** showing the error page for ORDER BY 3.



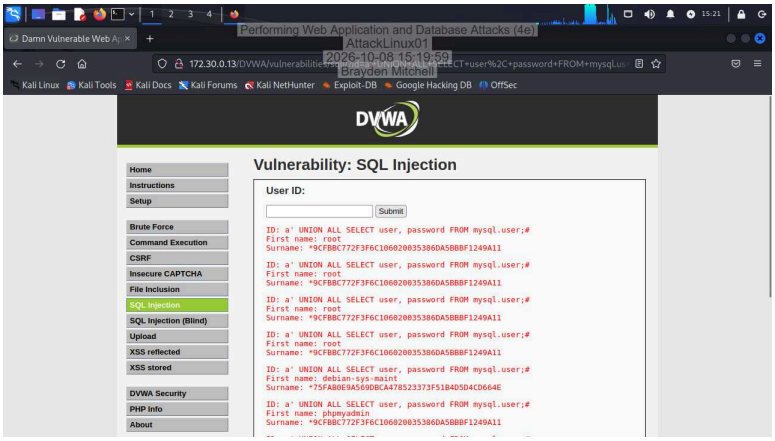
16. **Make a screen capture** showing the error page for the firstname field.



20. **Make a screen capture** showing the **first 3 results** of the query.

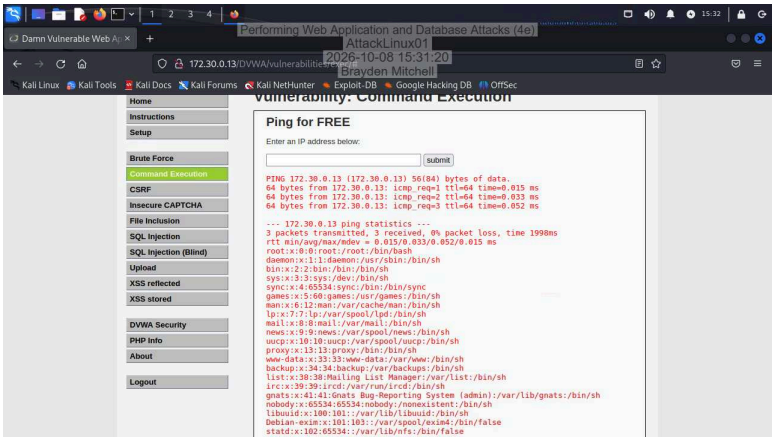


23. **Make a screen capture** showing the **first few results** of the query.

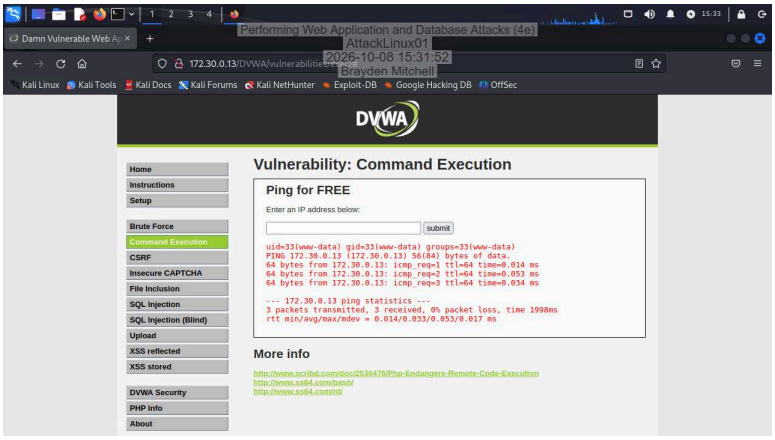


Part 3: Command Execution

4. **Make a screen capture** showing the **results of the command injection**.



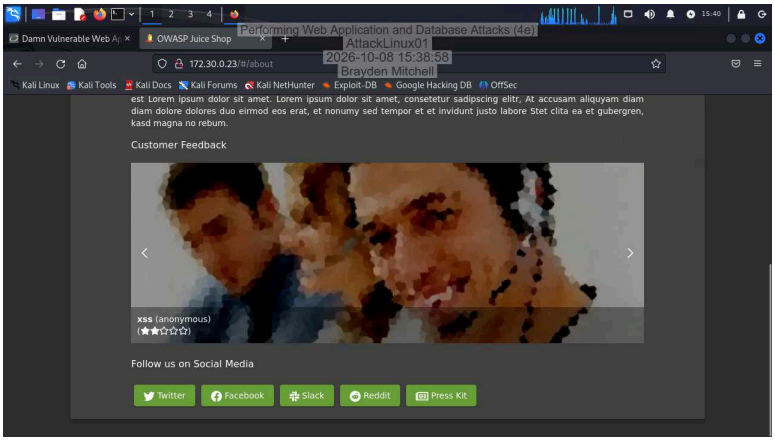
6. **Make a screen capture** showing the **results of the command injection**.



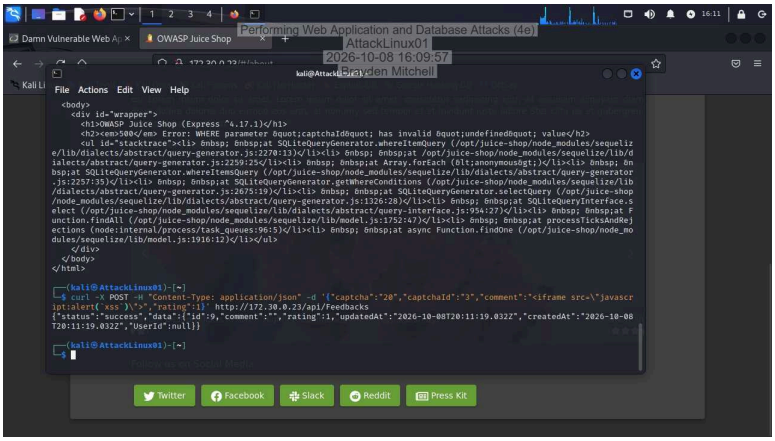
Applied Learning

Part 1: Perform a Stored XSS Attack on the Juice Shop

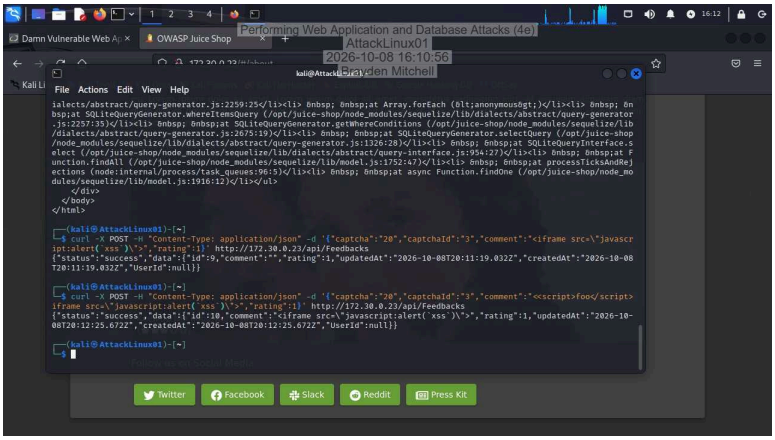
7. **Make a screen capture** of the **page showing your comment**.



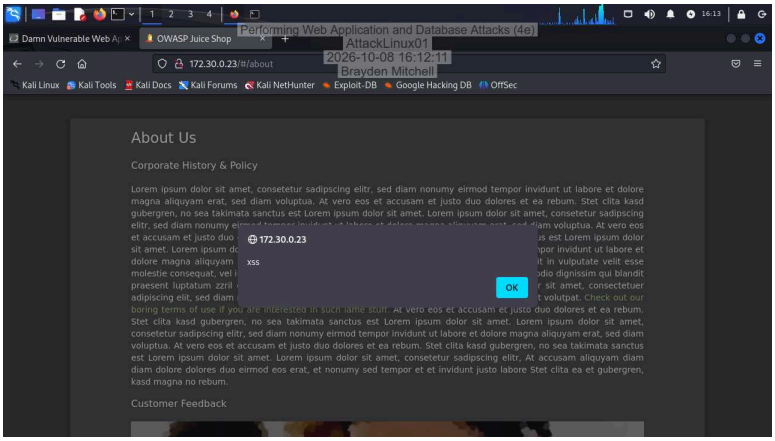
12. **Make a screen capture** showing the successful addition of Feedback but with an empty result.



14. **Make a screen capture** showing the successful addition of the feedback.

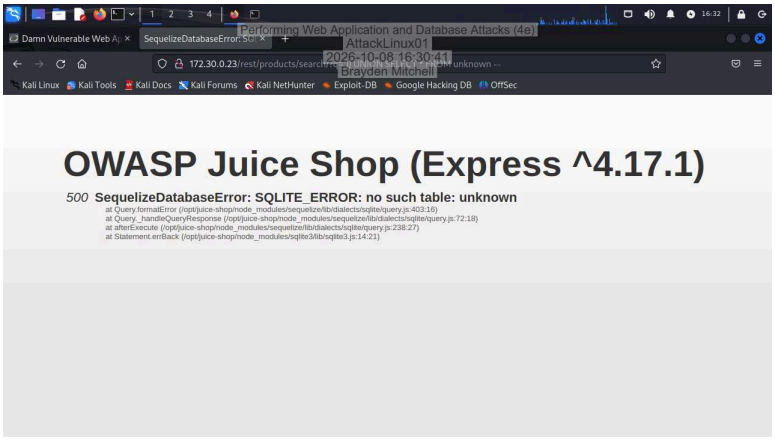


17. **Make a screen capture** showing the **XSS** alert.

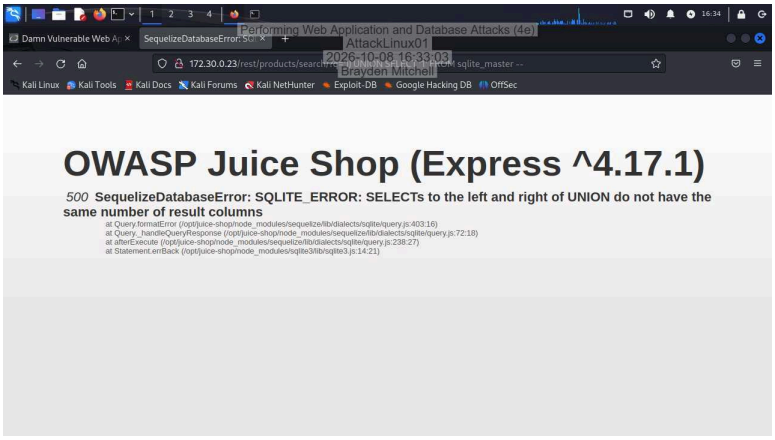


Part 2: Perform an SQL Injections Attack on the Juice Shop

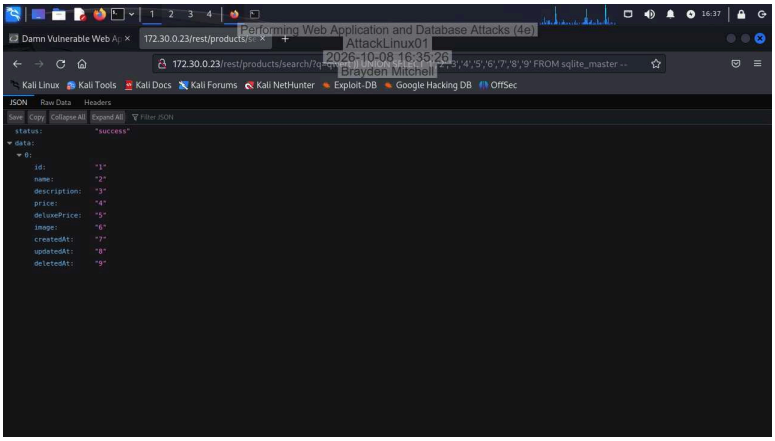
3. **Make a screen capture** showing the unknown table error.



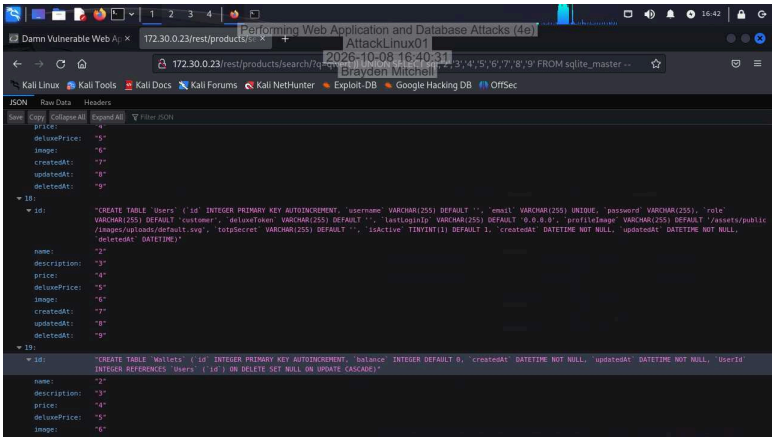
6. **Make a screen capture** showing the wrong column count error.



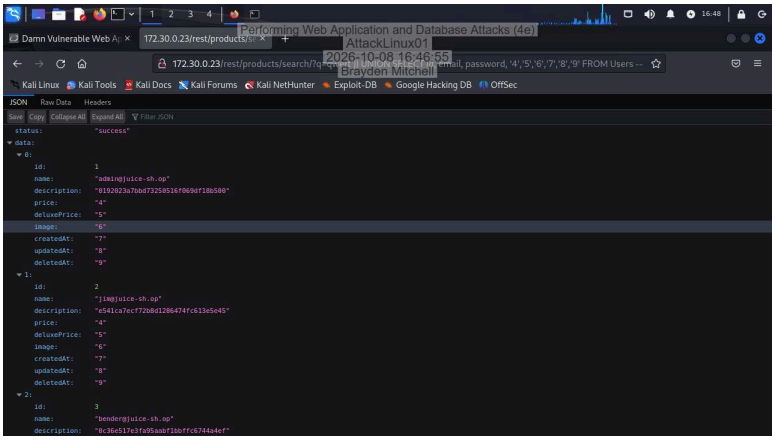
9. **Make a screen capture** showing the query result with the values 1 through 9.



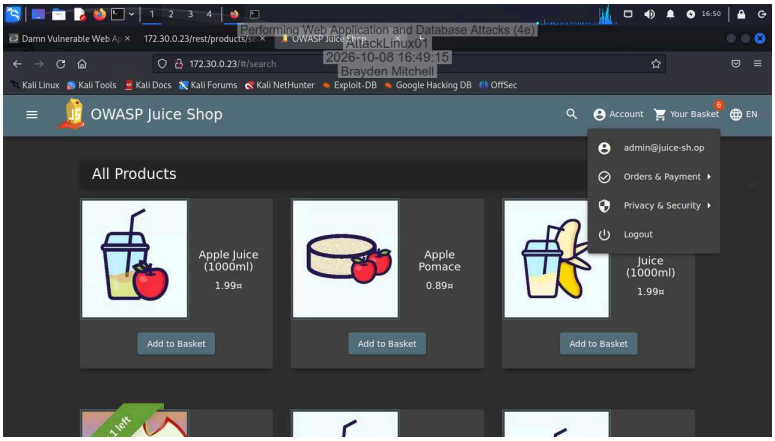
12. **Make a screen capture** showing the schema for the Users table.



14. **Make a screen capture** showing the information for the first user.



19. **Make a screen capture** showing the login name.



Challenge and Analysis

Part 1: Perform a Reflected XSS Attack Manually

Document the attack string that can be used to execute the alert function from the /search endpoint in Mousepad on the virtual machine and take a screenshot.

