

## Setting up a web security lab environment on your Laptop

### Installing xampp and Burp suite (available for Windows and MacOS)

1. Download **xampp** from this from <https://www.apachefriends.org/download.html>
2. Download and install **Burp Suite Community Edition** from: <https://portswigger.net/burp/communitydownload>

### Setting up the DVWA web application

1. Download DVWA from <https://github.com/digininja/DVWA>
2. Follow the instructions in this video to set up DVWA: [https://www.youtube.com/watch?v=Yzksa\\_WjnY0](https://www.youtube.com/watch?v=Yzksa_WjnY0)

### Setting up the Mutillidae web application

1. Download Mutillidae from <https://github.com/webpwnized/mutillidae> (Click “Code” then “Download zip”)
2. Unzip file. Result will be mutillidae-master folder (containing another folder with the same name).
3. Rename the inside folder to mutillidae (the root folder is not needed).
4. Copy the mutillidae folder to C:\xampp\htdocs
5. Go to C:\xampp\htdocs\mutillidae\includes, edit database-config.inc and change the pre-set password to blank:  
`define('DB_PASSWORD', '');`
6. Edit C:\xampp\htdocs\mutillidae\database-offline.php and change the pre-set password to blank in the following line: `authentication_string=PASSWORD('')`
7. Browse to <http://127.0.0.1/mutillidae/>
8. If you get an error message click the “setup/reset the DB” link

Note: to be able to use <http://localhost/mutillidae/> instead of <http://127.0.0.1/mutillidae/> do the following:

- Go to C:\xampp\htdocs\mutillidae
- Find the file .htaccess and edit it using Notepad++
- Find the line of code starting with Deny and type # in front of it (so that you now have #Deny)
- Save the file and close it.