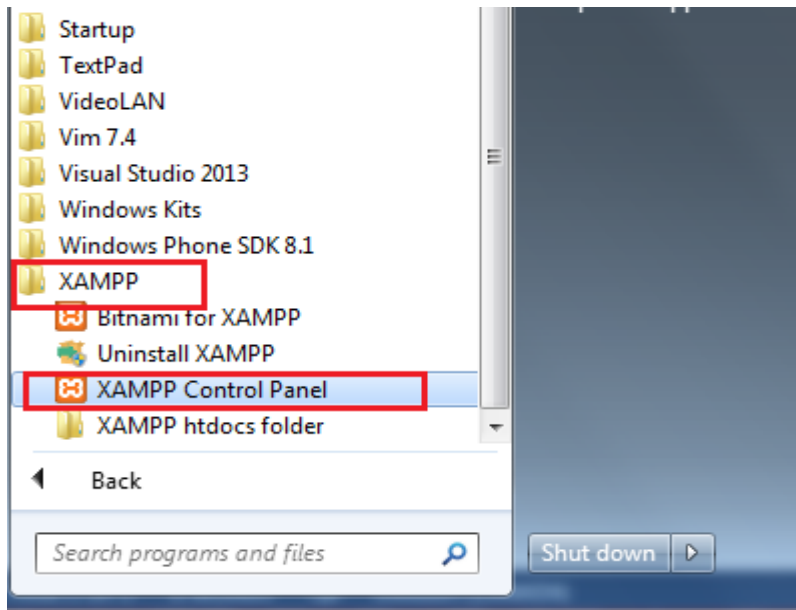


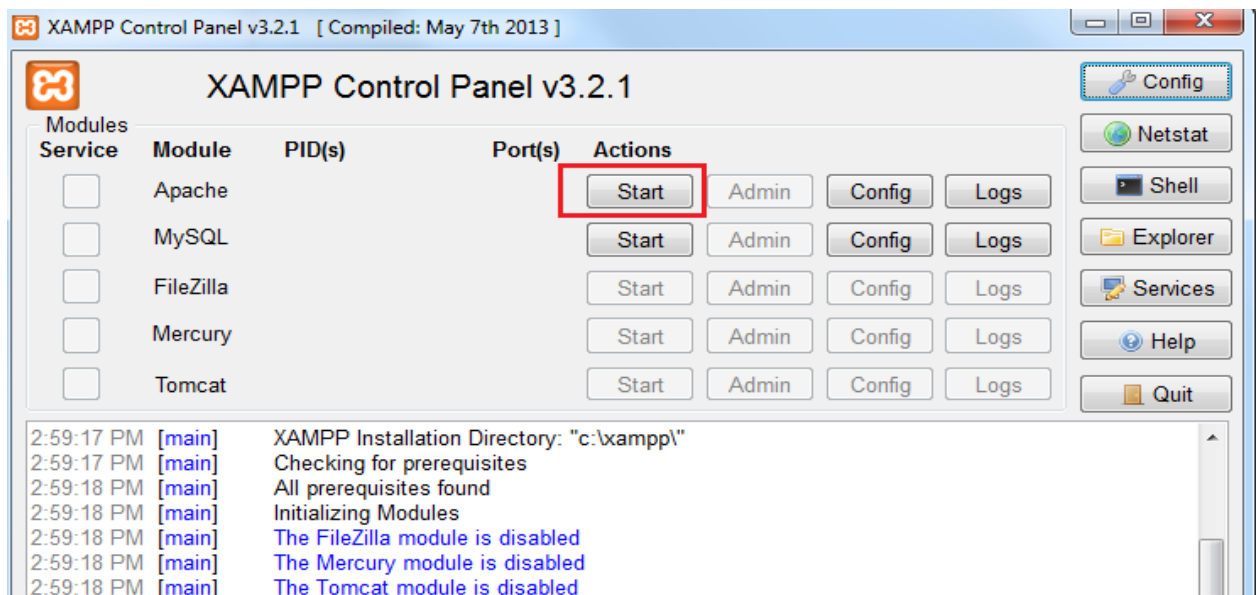
Procedure for Deploying and Testing PHP Scripts Using Apache Web Server on a Local Machine

1) The following are the steps for running Apache Web Server:

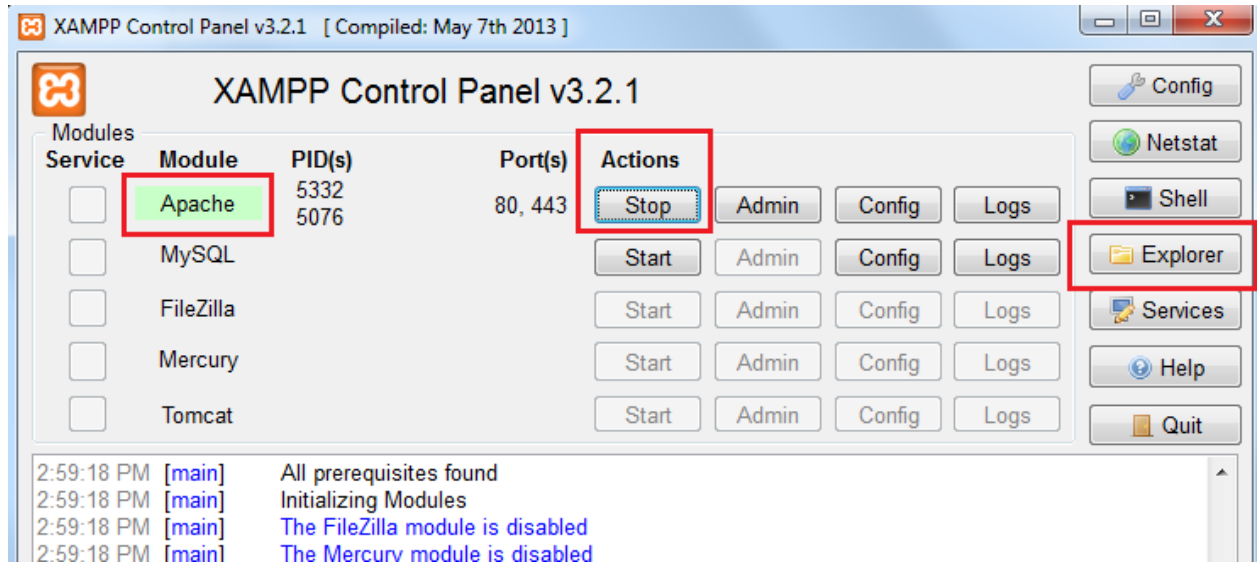
1- Launch the XAMPP Control Panel: from the start menu, select All Programs → XAMPP → XAMPP Control Panel (as shown below)



2- Now to start Apache Web server, click the Start button under Actions (as shown in the figure below)



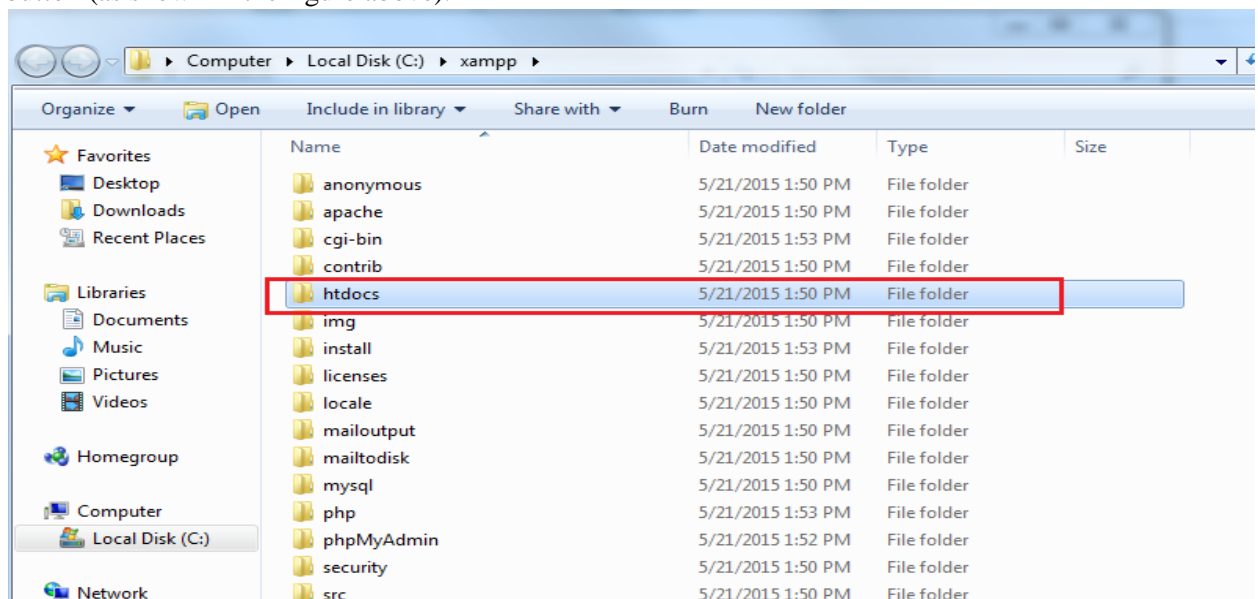
- 3- If everything went well, the background of the Apache module becomes green (as shown in the following figure)



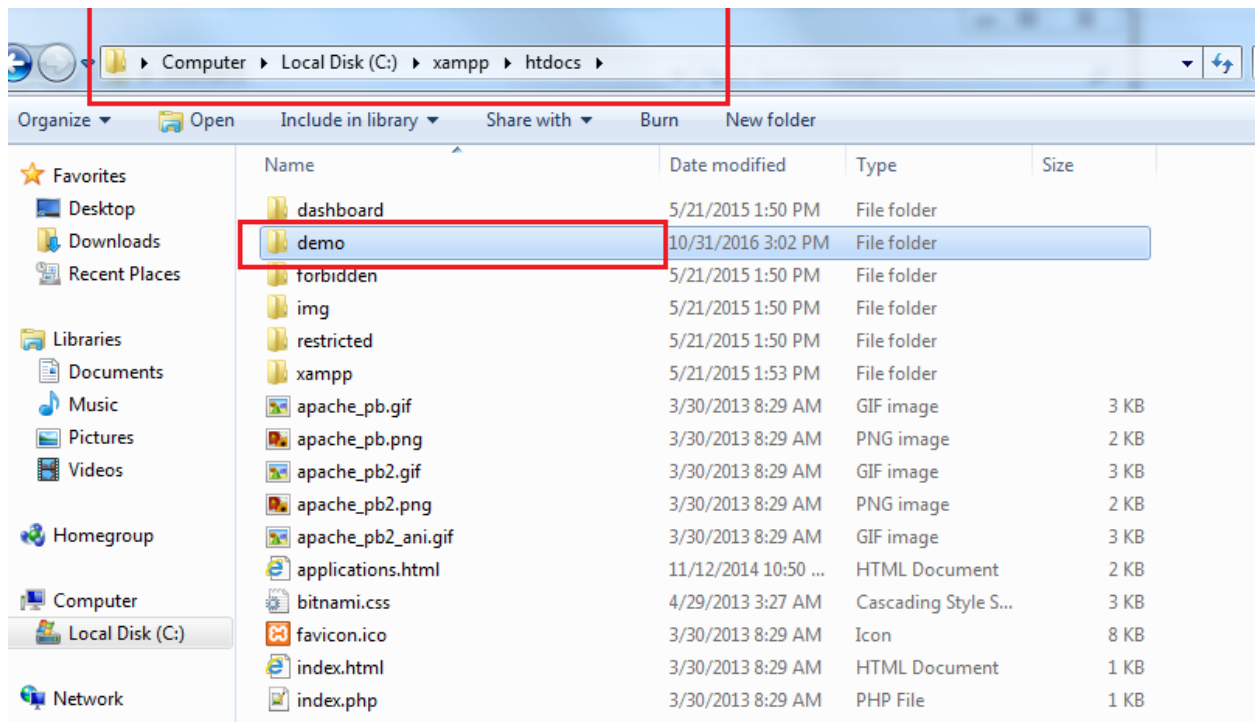
2) Here are the steps for deploying web resources on Apache Web Server.

Note: to deploy a set of resources on a web server, the resources must be placed in the Web server's **document root folder** (that is, the **htdocs** folder) . That's where the Web server points to expose (that is, make the public/available) all the contained resources over HTTP.

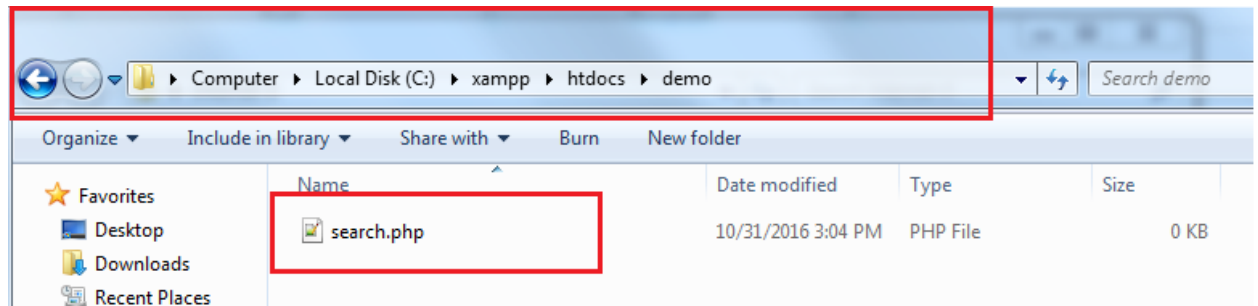
- 1- Apache's **document root** is the folder named **htdocs** that is located under **C:\xampp**
You can quickly open this folder using the Control Panel by simply clicking on the Explorer button (as shown in the figure above).



2- Open the **htdocs** folder and create a new folder and put your Web resources in it



3- Put your files in the newly created folder as shown below:



4- Now to access your local resources that you just deployed on Apache Web server using a browser, HTTP and the **localhost** hostname must be used. To do so, the following URL format must be used follow:

`http://localhost/path_to_resource/resource_name`

For example:

1) if we want to access a script named `search.php` that is stored in the folder `demo`, its URL would be: `http://localhost/demo/search.php`

2) Another example, if we want to access an HTML filer named `index.html` that is stored in a folder named `demo`, its URL would be:
`http://localhost/demo/index.html`