Date: 07/09/2021

Practical No 4 : To install and configure web server

Walchand College of Engineering, Sangli

Department of Computer Science and Engineering

Course : Programming Laboratory-3 Year: 2021-22

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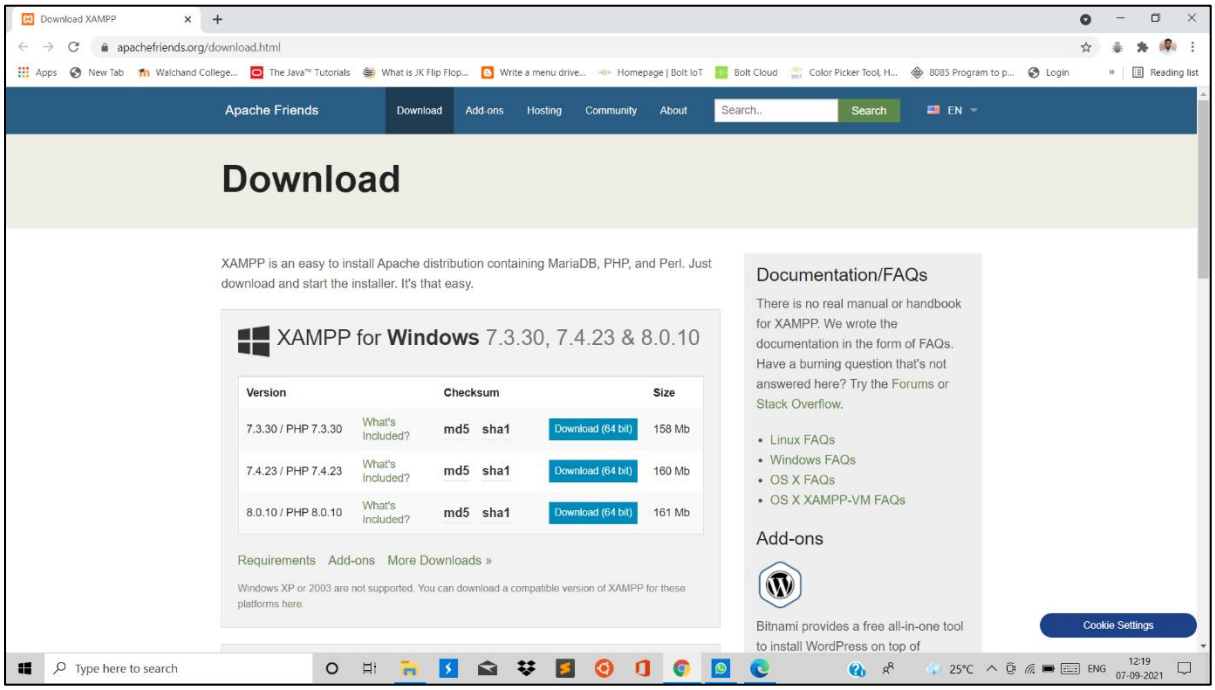
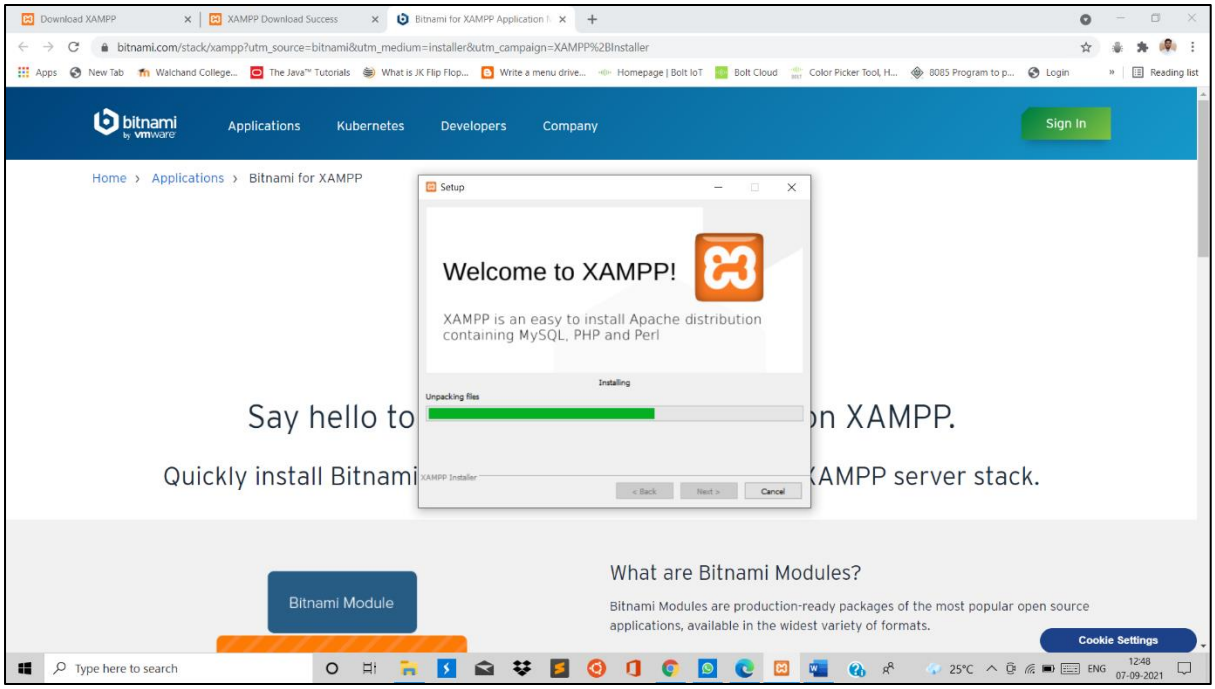
Batch : T1

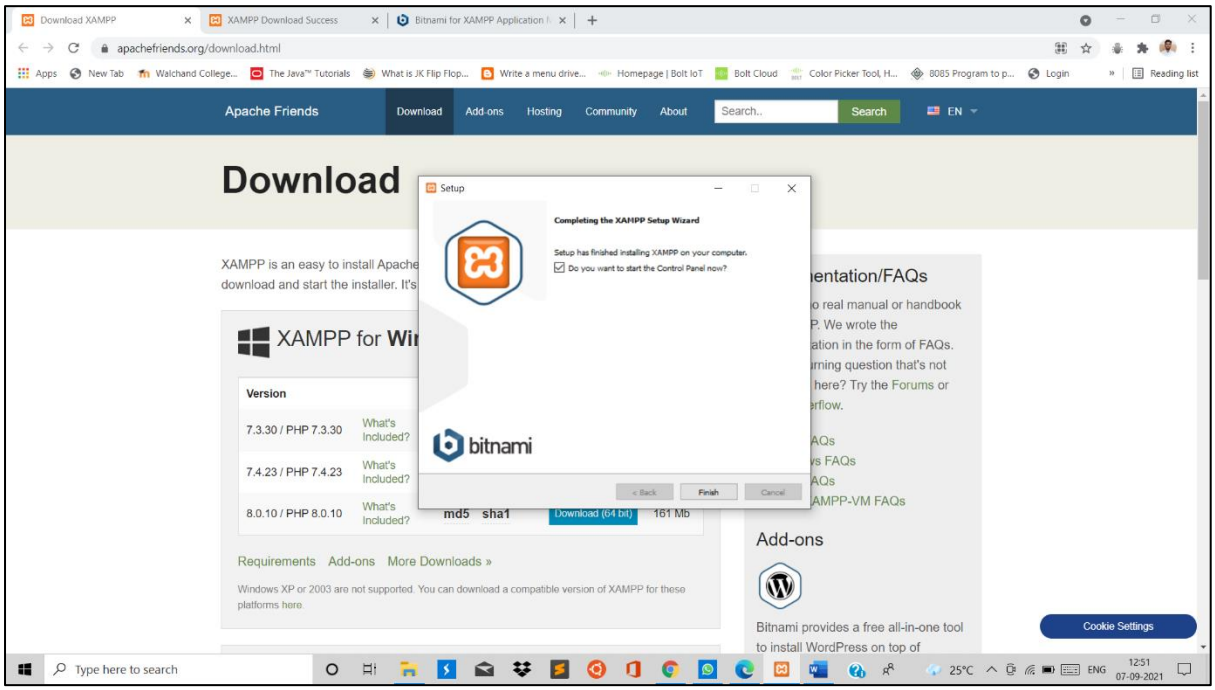
Problem Statement 1:

1. Install a web server on your machine. Run the server locally.

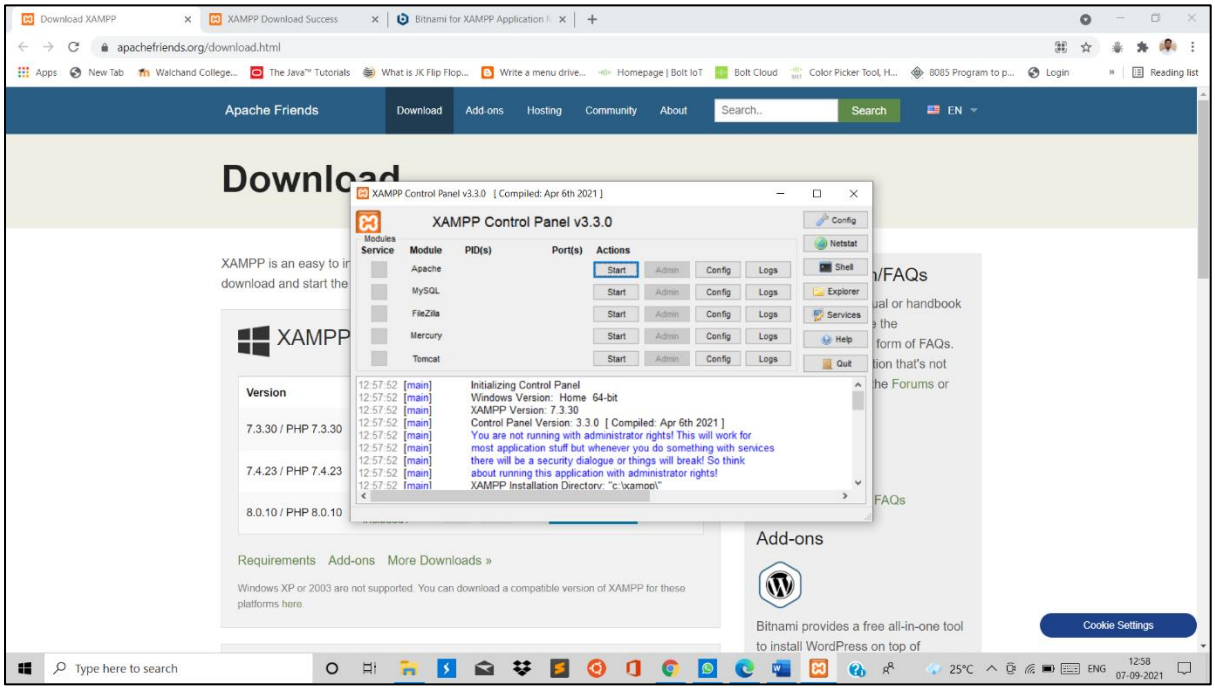
Installed XAMPP from https://www.apachefriends.org/download.html.




bitnami
Applications
Kubernetes
Developers
Company
Sign In
Home › Applications › Bitnami for XAMPP
Setup
Welcome to XAMPP!
XAMPP is an easy to install Apache distribution containing MySQL, PHP and Perl
Installing
Unpacking files
Say hello to
on XAMPP.
Quickly install Bitnami
XAMPP server stack.
Bitnami Module
What are Bitnami Modules?
Bitnami Modules are production-ready packages of the most popular open source applications, available in the widest variety of formats.
Cookie Settings

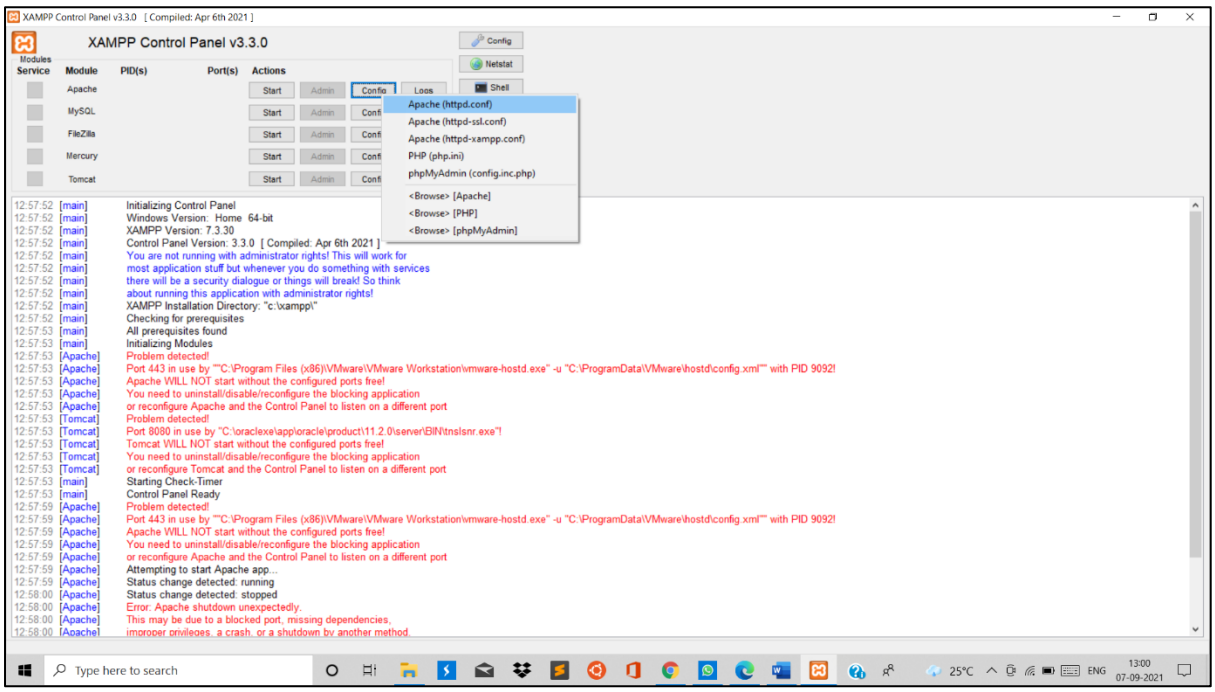

Apache Friends
Download
Add-ons
Hosting
Community
About
Search..
Search
Download
Setup
Completing the XAMPP Setup Wizard
Setup has finished installing XAMPP on your computer.
Do you want to start the Control Panel now?
bitnami
Finish
XAMPP for Wi
Version
7.3.30 / PHP 7.3.30
7.4.23 / PHP 7.4.23
8.0.10 / PHP 8.0.10
What's Included?
md5 sha1
Download (64 bit)
161 Mb
Requirements Add-ons More Downloads »
Windows XP or 2003 are not supported. You can download a compatible version of XAMPP for these platforms here.
Add-ons
Bitnami provides a free all-in-one tool to install WordPress on top of
Cookie Settings

After installation start XAMPP control panel and start Apache services.

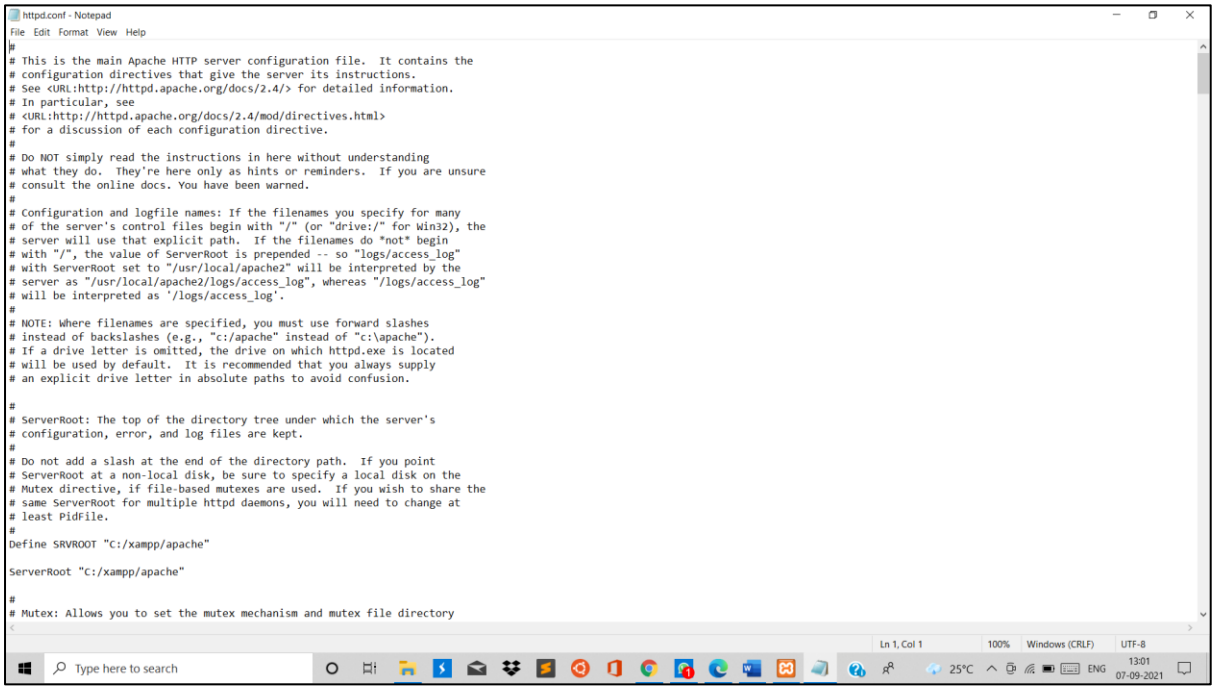


2. Locate and study its configuration files.

Moved to Apache->config->Apache(httpd.conf)



It opened in a notepad.



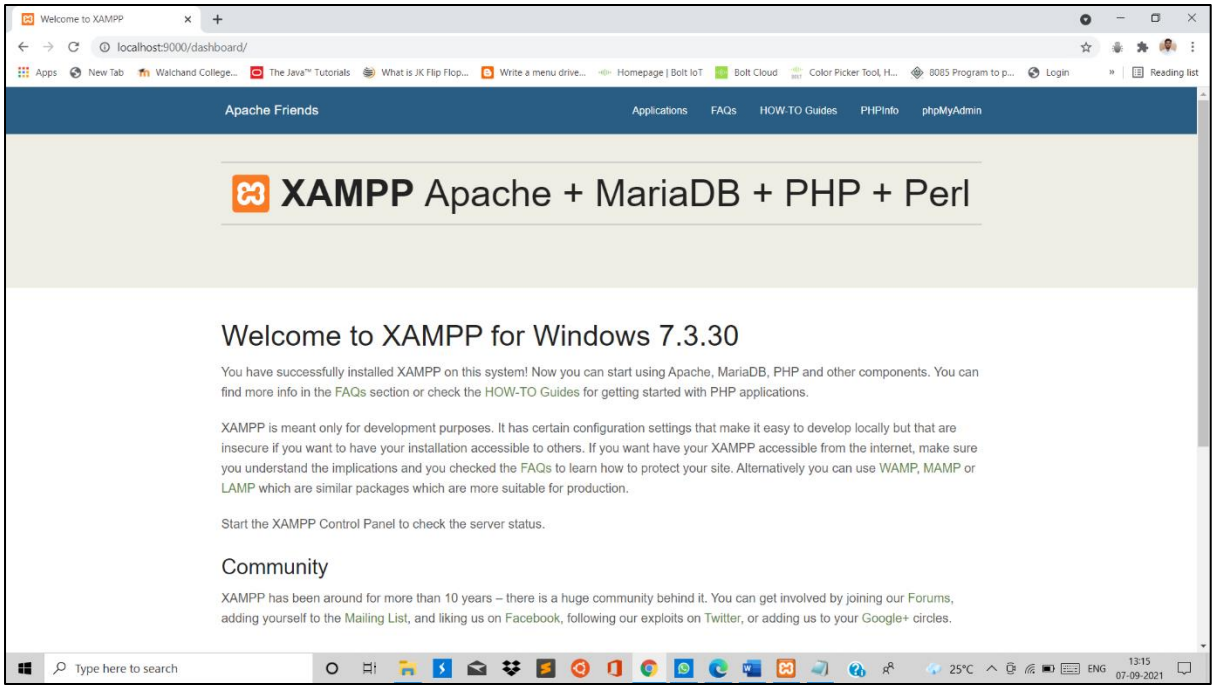
3. Change the port number in the configuration file to any other valid port number. Return the server locally using newly assigned port number.

Before changing port

```
#
# Change this to Listen on specific IP addresses as shown below to
# prevent Apache from glomming onto all bound IP addresses.
#
#Listen 12.34.56.78:80
Listen 80
```

After changing port

```
#
# Change this to Listen on specific IP addresses as shown below to
# prevent Apache from glomming onto all bound IP addresses.
#
#Listen 12.34.56.78:9000
Listen 9000
```

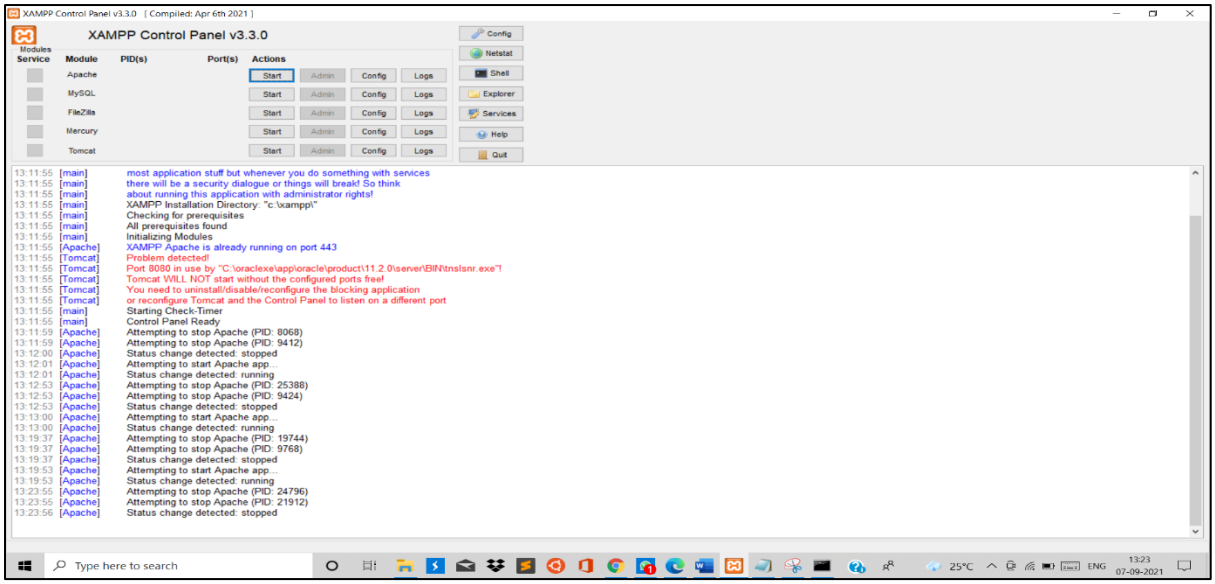


4. Change the default IP address (127.0.0.1 or localhost) and port number of the server in the configuration file to any other valid IP address and port number. Re-run the server and access it in a network from another machine.

Before changing IP and port

```
#
# Change this to Listen on specific IP addresses as shown below to
# prevent Apache from glomming onto all bound IP addresses.
#
#Listen 12.34.56.78:9000
Listen 9000
```

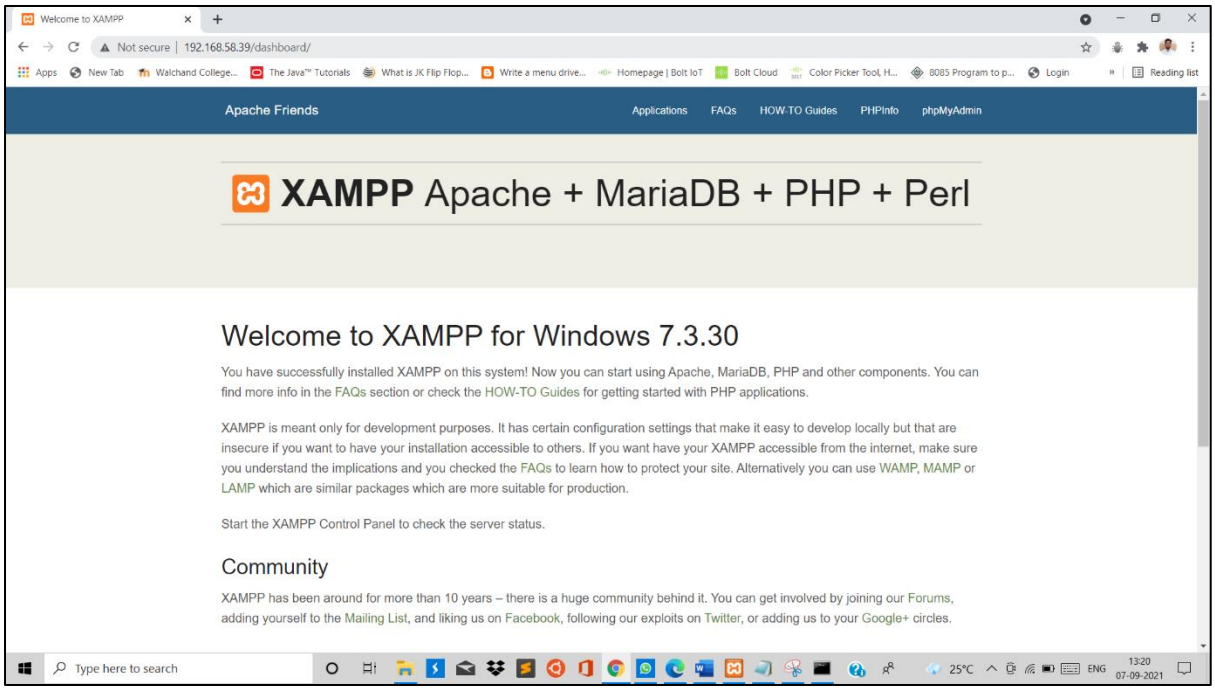
Stopped the XAMPP server.



After changing port and IP

```
#
# Change this to Listen on specific IP addresses as shown below to
# prevent Apache from glomming onto all bound IP addresses.
#
#Listen 192.168.58.39:80
Listen 80
```

```
#
ServerName 192.168.58.39:80

#
# Deny access to the entirety of your server's filesystem. You must
# explicitly permit access to web content directories in other
# <Directory> blocks below.
```

Now using changed IP address, I was able to access XAMPP dashboard on http://192.168.58.39/dashboard/