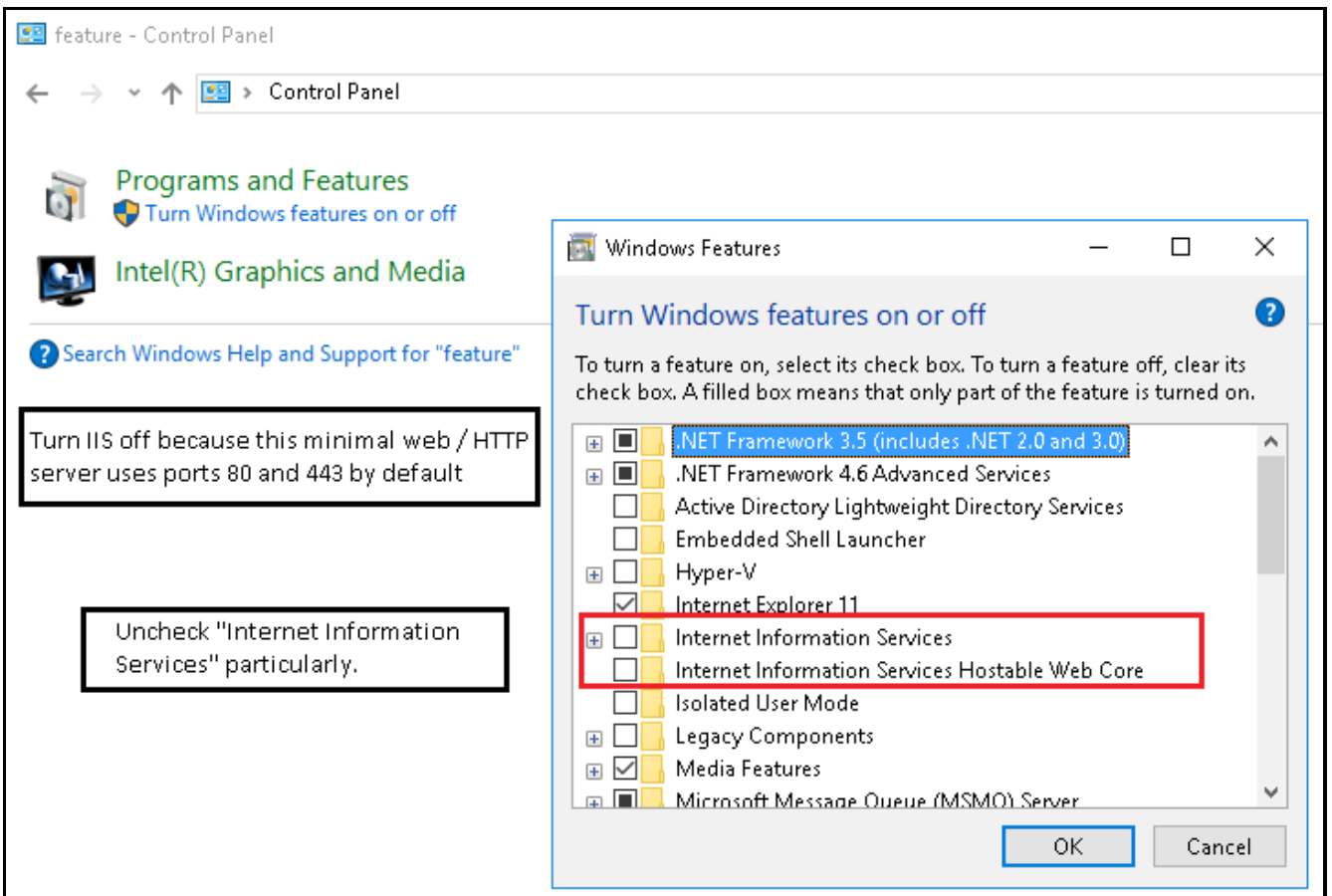
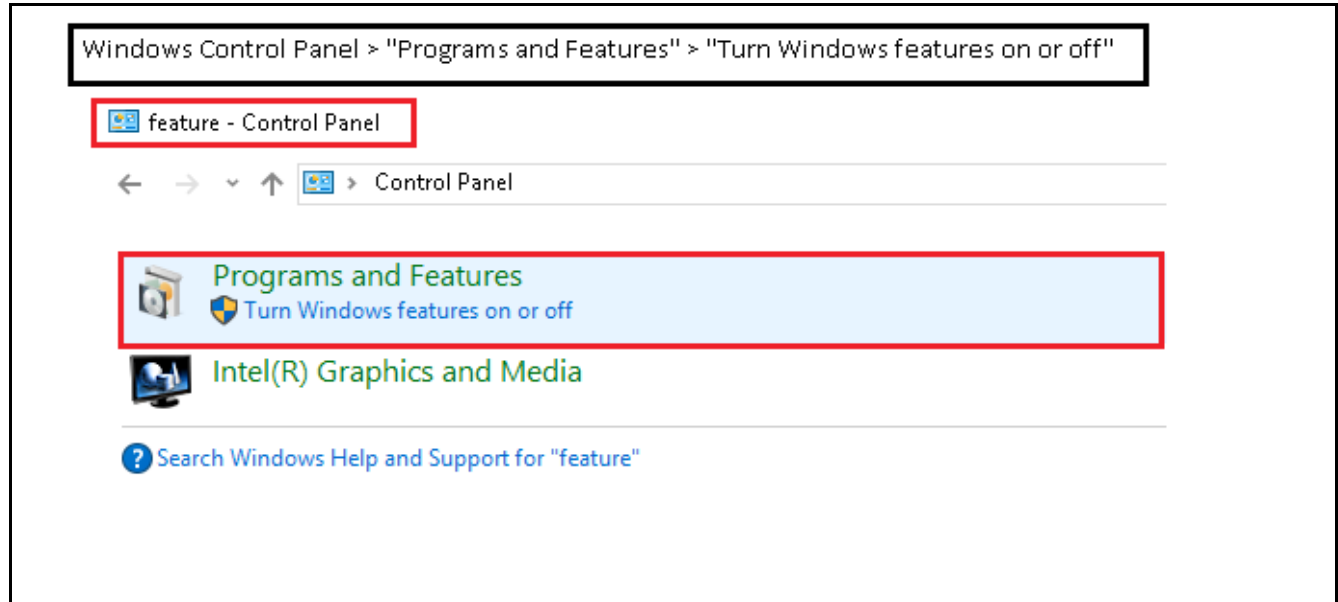


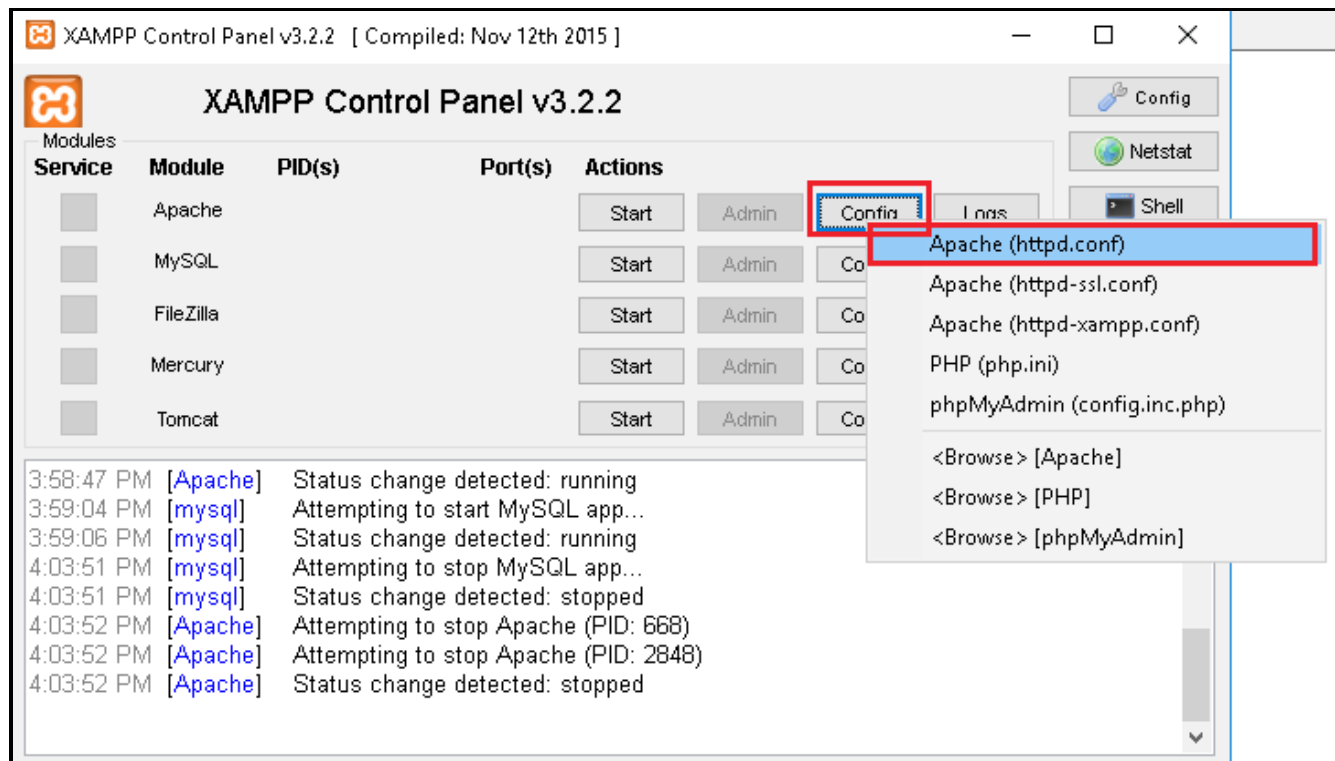
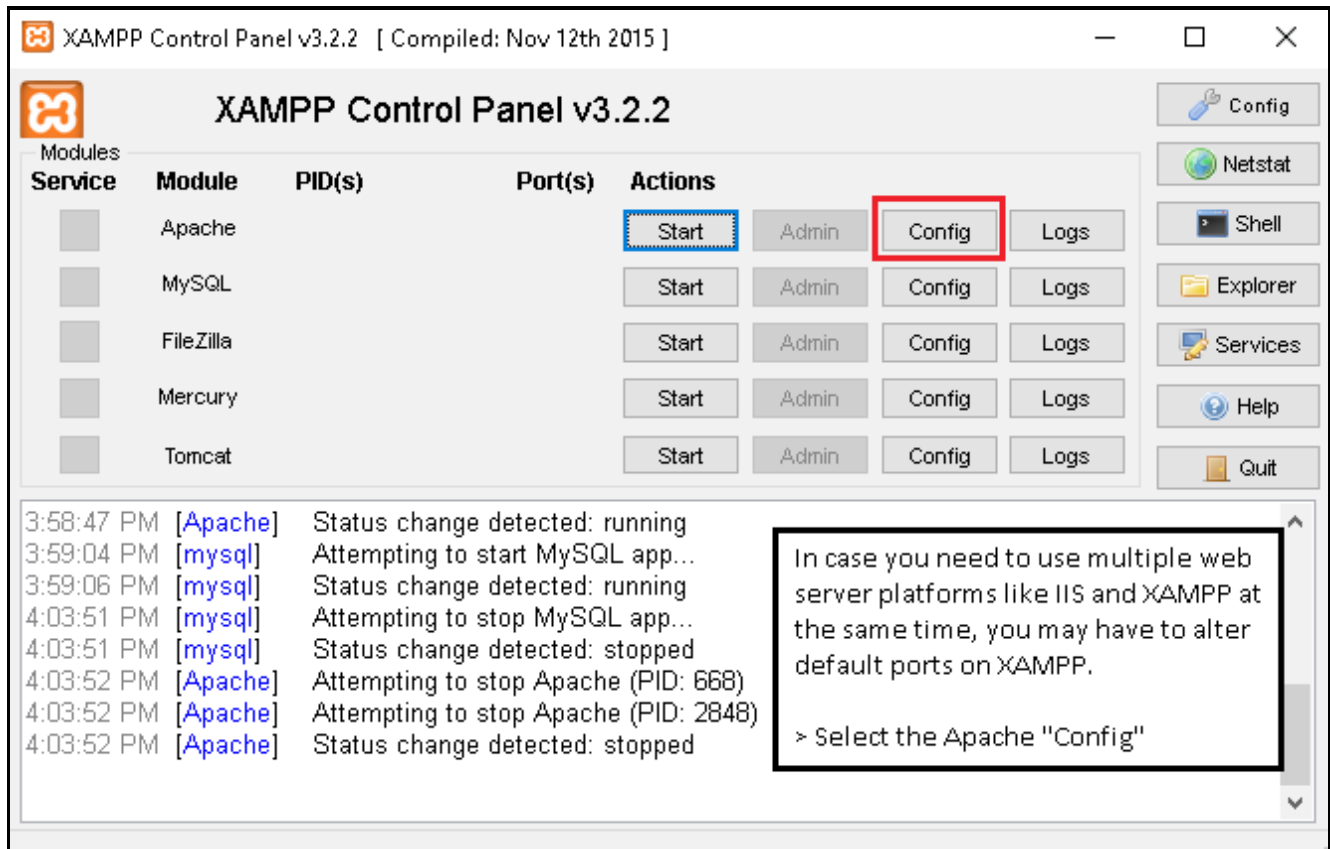
Scenario: You click on the "Start" button of Apache Server on the XAMPP Control Panel but Apache does not launch.

Only perform alterations on XAMPP config files once you have turned all other servers [or services] that are known to use default ports HTTP [80 and 8080], HTTPS [443] and/or MySQL [3306].

Turning off Windows Internet Information Services [IIS] as an example



Altering the Apache Server config files using the XAMPP Control Panel graphical user interface



```
File Edit Format View Help
```

```
# 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 8080
```

Alter these two lines to a port of your choosing, usually port 8080 is another default for HTTP traffic.

```
#  
# Dynamic Shared Object (DSO) Support  
#  
# To be able to use the functionality of a module which was built as a DSO you  
# have to place corresponding 'LoadModule' lines at this location so the  
# directives contained in it are actually available _before_ they are used.  
# Statically compiled modules (those listed by 'httpd -l') do not need  
# to be loaded here.
```

```
ServerAdmin postmaster@localhost
```

```
#  
# ServerName gives the name and port that the server uses to identify itself.  
# This can often be determined automatically, but we recommend you specify  
# it explicitly to prevent problems during startup.  
#  
# If your host doesn't have a registered DNS name, enter its IP address here.
```

```
#  
ServerName localhost:8080
```

XAMPP Control Panel v3.2.2 [Compiled: Nov 12th 2015]

XAMPP Control Panel v3.2.2

Modules

Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache			Start Admin Config
<input type="checkbox"/>	MySQL			Start Admin Config
<input type="checkbox"/>	FileZilla			Start Admin Config
<input type="checkbox"/>	Mercury			Start Admin Config
<input type="checkbox"/>	Tomcat			Start Admin Config

3:58:47 PM [Apache] Status change detected: running
 3:59:04 PM [mysql] Attempting to start MySQL app...
 3:59:06 PM [mysql] Status change detected: running
 4:03:51 PM [mysql] Attempting to stop MySQL app...
 4:03:51 PM [mysql] Status change detected: stopped
 4:03:52 PM [Apache] Attempting to stop Apache (PID: 668)
 4:03:52 PM [Apache] Attempting to stop Apache (PID: 2848)
 4:03:52 PM [Apache] Status change detected: stopped

Next, alter the default for HTTPS traffic, which is normally port 443.

```
#
# When we also provide SSL we have to listen to the
# standard HTTP port (see above) and to the HTTPS port
#
Listen 4433

###
### SSL Global Context
###
### All SSL configuration in this context applies both to
### the main server and all SSL-enabled virtual hosts.
###

### SSL Virtual Host Context
###
<VirtualHost _default_:4433>

# General setup for the virtual host
DocumentRoot "C:/xampp/htdocs"
ServerName www.example.com:443
ServerAdmin admin@example.com
ErrorLog "C:/xampp/apache/logs/error.log"
TransferLog "C:/xampp/apache/logs/access.log"
```

Alter the default port 443 to a port of your choice, usually 4433 works fine.

The screenshot displays the XAMPP Control Panel v3.2.2 interface. At the top, the title bar reads "XAMPP Control Panel v3.2.2". A red box highlights the "Config" button in the top right corner. Below the title bar, there is a "Modules" section with a table listing services and their configurations:

Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache			Start Admin Config Logs
<input type="checkbox"/>	MySQL			Logs
<input type="checkbox"/>	FileZilla			Logs
<input type="checkbox"/>	Mercury			Logs
<input type="checkbox"/>	Tomcat			Logs

Below the table, a log window shows several entries with timestamps and status messages, such as "3:58:47 PM [Apach" and "3:59:04 PM [mysql".

The main configuration window, titled "Configuration of Control Panel", is open. It contains several sections:

- Editor:** A text field containing "notepad.exe" with a folder icon to its right.
- Browser (empty = system default):** An empty text field with a folder icon to its right.
- Autostart of modules:** A section with checkboxes for Apache, FileZilla, Tomcat, MySQL, and Mercury. A blue message states: "Selected modules will be started on next launch of the Control Panel."
- Startup options:** Checkboxes for "Start Control Panel Minimized", "Enable Tomcat output window", "Check default ports on startup", and "Show debug information".
- Buttons:** "Change Language", "Service and Port Settings" (highlighted with a red box), "User Defined Files", and "Log Options".
- Bottom buttons:** "Abort" (with a red X icon) and "Save" (with a green checkmark icon).

On the right side of the control panel, there is a vertical menu with buttons for "Netstat", "Shell", "Explorer", "Services", "Help", and "Quit".

Service Settings

Use this form to set service-specific and default port settings. You can set the name and default ports the XAMPP Control Panel will check. Do not include spaces or quotes in names. This does NOT change the ports that the services and programs use. You still need to change those in the services' configuration files.

Apache MySQL FileZilla Mercury Tomcat

Apache Settings

Service Name	Main Port	SSL Port
Apache2.4	8080	4433

✖ Abort **✔ Save**

Alter these ports to reflect the new entries on the http and https config files. > "save"

The screenshot shows a window titled "Service Settings" with a close button (X) and a maximize button (square). Below the title bar is a text box with instructions: "Use this form to set service-specific and default port settings. You can set the name and default ports the XAMPP Control Panel will check. Do not include spaces or quotes in names. This does NOT change the ports that the services and programs use. You still need to change those in the services' configuration files." Below the text are five tabs: "Apache", "MySQL", "FileZilla", "Mercury", and "Tomcat". The "MySQL" tab is selected and highlighted with a red box. Below the tabs is a "MySQL Settings" section with two input fields: "Service Name" containing "mysql" and "Main Port" containing "3306". Both the "MySQL" tab and the "3306" value are highlighted with red boxes. At the bottom right are two buttons: "Abort" with a red X icon and "Save" with a green checkmark icon. The "Save" button is highlighted with a red box.

And in case you have difficulty starting the MySQL database, you would alter this port. The default port for MySQL is 3306. > "Save"

The screenshot shows the 'Service Settings' window for XAMPP. At the top, there are tabs for 'Apache', 'MySQL', 'FileZilla', 'Mercury', and 'Tomcat'. The 'MySQL' tab is selected and highlighted with a red box. Below the tabs, there is a section titled 'MySQL Settings' with two input fields: 'Service Name' containing 'mysql' and 'Main Port' containing '3306'. Both the 'MySQL' tab and the '3306' value are highlighted with red boxes. At the bottom right, there are two buttons: 'Abort' with a red 'X' icon and 'Save' with a green checkmark icon. The 'Save' button is also highlighted with a red box.

And in case you have difficulty starting the MySQL database, you would alter this port. The default port for MySQL is 3306. > "Save"

You may have to reset the Windows firewall on your machine because ports may be blocked or in conflict. > Start [Windows icon] > "cmd" > "firewall.cpl" > Reset the firewall to default > Restart the computer