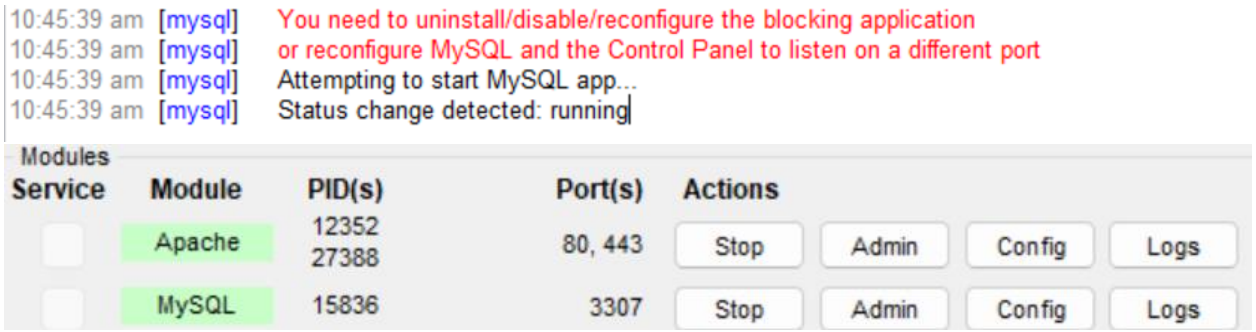
XAMPP Issues

Issue: What to do if XAMP gives you an error on your MySQL running?

```
10:45:28 am [main]   Initializing Control Panel
10:45:28 am [main]   Windows Version:  Home  64-bit
10:45:28 am [main]   XAMPP Version: 8.0.25
10:45:28 am [main]   Control Panel Version: 3.3.0  [ Compiled: Apr 6th 2021 ]
10:45:28 am [main]   You are not running with administrator rights! This will work for
10:45:28 am [main]   most application stuff but whenever you do something with services
10:45:28 am [main]   there will be a security dialogue or things will break! So think
10:45:28 am [main]   about running this application with administrator rights!
10:45:28 am [main]   XAMPP Installation Directory: "c:\xampp\"
10:45:28 am [main]   Checking for prerequisites
10:45:29 am [main]   All prerequisites found
10:45:29 am [main]   Initializing Modules
10:45:29 am [Apache] XAMPP Apache is already running on port 80
10:45:29 am [Apache] XAMPP Apache is already running on port 443
10:45:29 am [mysql]  Problem detected!
10:45:29 am [mysql]  Port 3306 in use by "Unable to open process"!
10:45:29 am [mysql]  MySQL WILL NOT start without the configured ports free!
10:45:29 am [mysql]  You need to uninstall/disable/reconfigure the blocking application
10:45:29 am [mysql]  or reconfigure MySQL and the Control Panel to listen on a different port
10:45:29 am [main]   Starting Check-Timer
10:45:29 am [main]   Control Panel Ready
10:45:39 am [mysql]  Problem detected!
10:45:39 am [mysql]  Port 3306 in use by "Unable to open process"!
10:45:39 am [mysql]  MySQL WILL NOT start without the configured ports free!
10:45:39 am [mysql]  You need to uninstall/disable/reconfigure the blocking application
```

Solution:

1. Open **XAMPP Control Panel**.
2. Click on **Config** (next to MySQL) and select **my.ini**.
3. Find all such lines:
   port=3306
4. If the port is already being used, change the port to another one, like **3307**:
   port=3307
5. Save the file and restart MySQL from the XAMPP Control Panel.
6. Now, it will run smoothly.

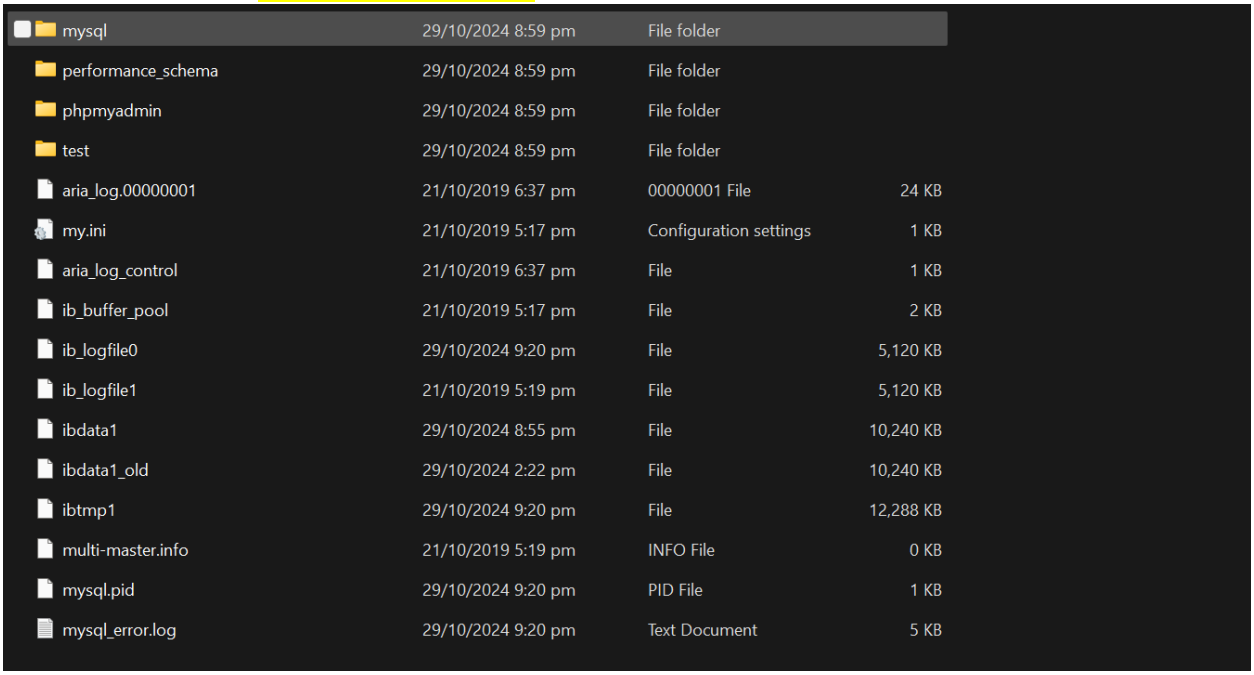


Alternative Approach:

```
[mysql]  Status change detected: stopped
[mysql]  Error: MySQL shutdown unexpectedly.
[mysql]  This may be due to a blocked port, missing dependencies,
[mysql]  improper privileges, a crash, or a shutdown by another method.
[mysql]  Press the Logs button to view error logs and check
[mysql]  the Windows Event Viewer for more clues
[mysql]  If you need more help, copy and post this
[mysql]  entire log window on the forums
```

If the above solution is not working, you can try the following:

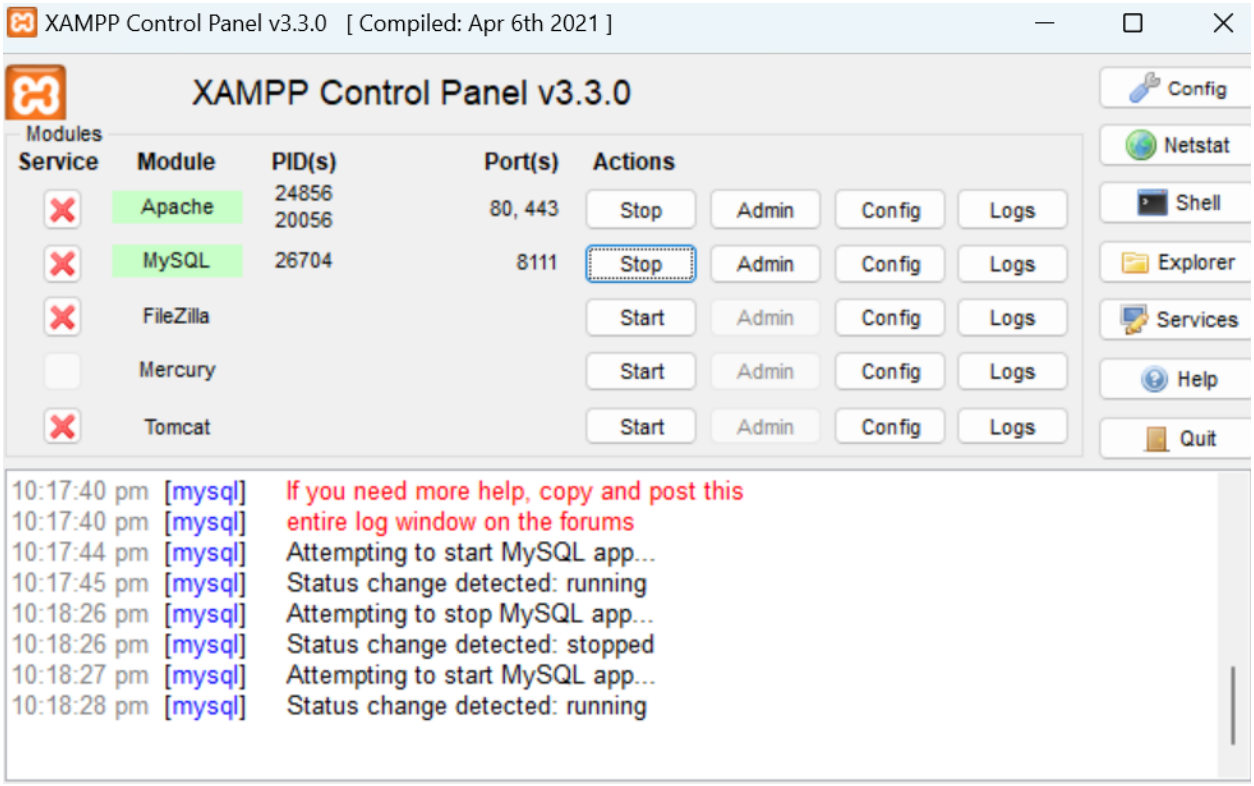
1. Go to the directory: C:\xampp\mysql\data and delete all of the files except the folders:



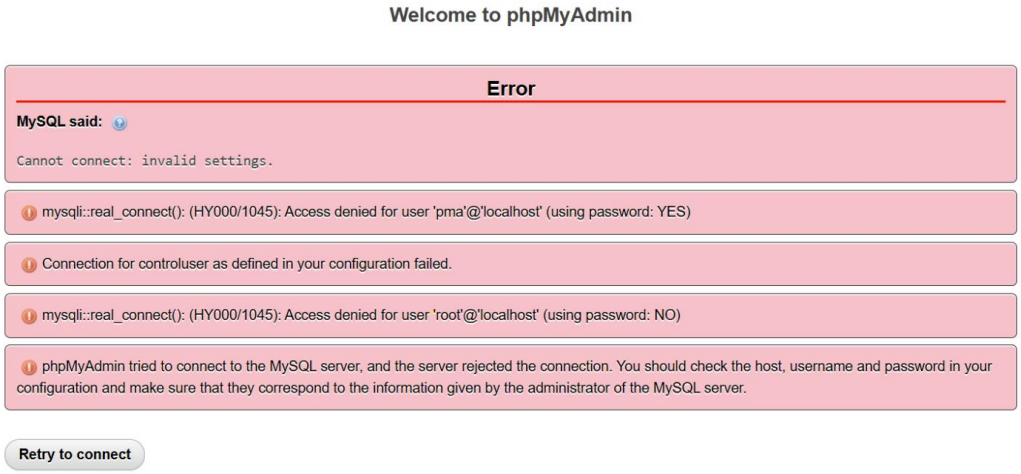
2. After that, go to the directory C:\xampp\mysql\bin and open my.ini in a text editor. It will look like this & delete/comment out the port 3306 and change it to 8111.

```
# The following options will be passed to all MySQL clients
[client]
# password       = your_password
#port=3306
port=8111
socket="C:/xampp/mysql/mysql.sock"


# Here follows entries for some specific programs

# The MySQL server
default-character-set=utf8mb4
[mysqld]
#port=3306
port=8111
socket="C:/xampp/mysql/mysql.sock"
basedir="C:/xampp/mysql"
tmpdir="C:/xampp/tmp"
datadir="C:/xampp/mysql/data"
pid_file="mysql.pid"
# enable-named-pipe
key_buffer=16M
max_allowed_packet=1M
sort_buffer_size=512K
net_buffer_length=8K
read_buffer_size=256K
read_rnd_buffer_size=512K
myisam_sort_buffer_size=8M
log_error="mysql_error.log"
```

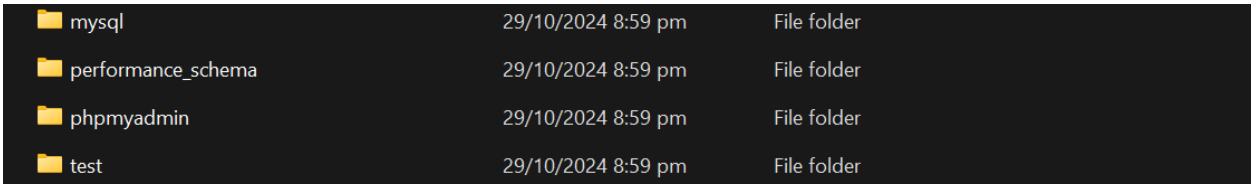
3. Then, run xampp with administrator privileges and it will work.



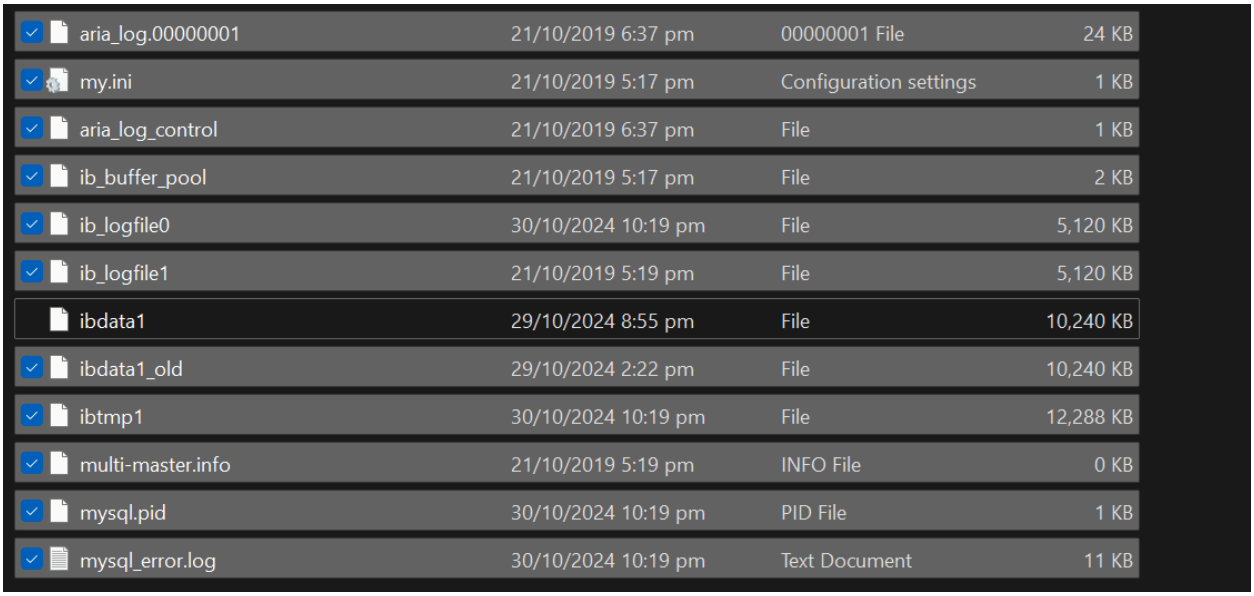
Another Alternative Approach:
Issue2: Access Denied to phpMyAdmin due to MySQL error.



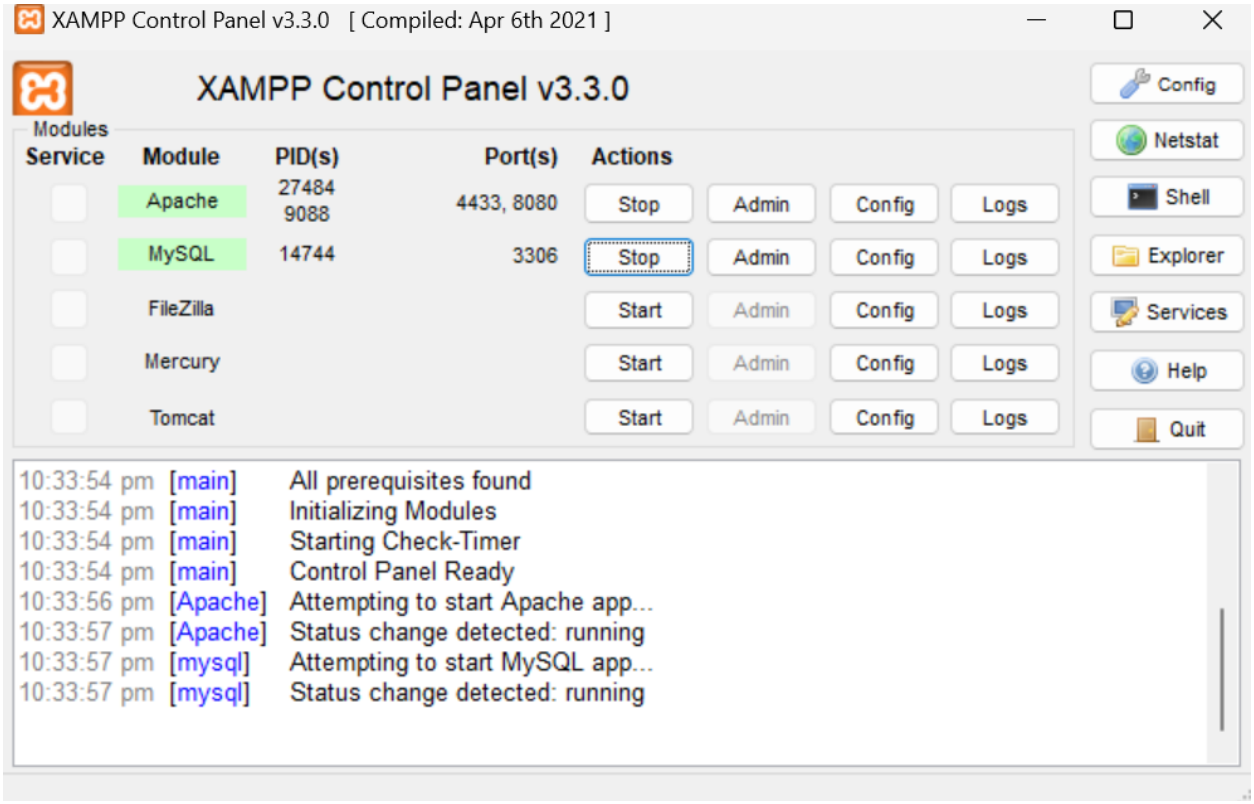
- Go to the directory: C:\xampp\mysql and make a copy of the data folder & call it data_old.
- Keep your databases but delete all of the mysql databases since they could be corrupt. These are all the files. If you have any databases that you created save them in some other directory first.



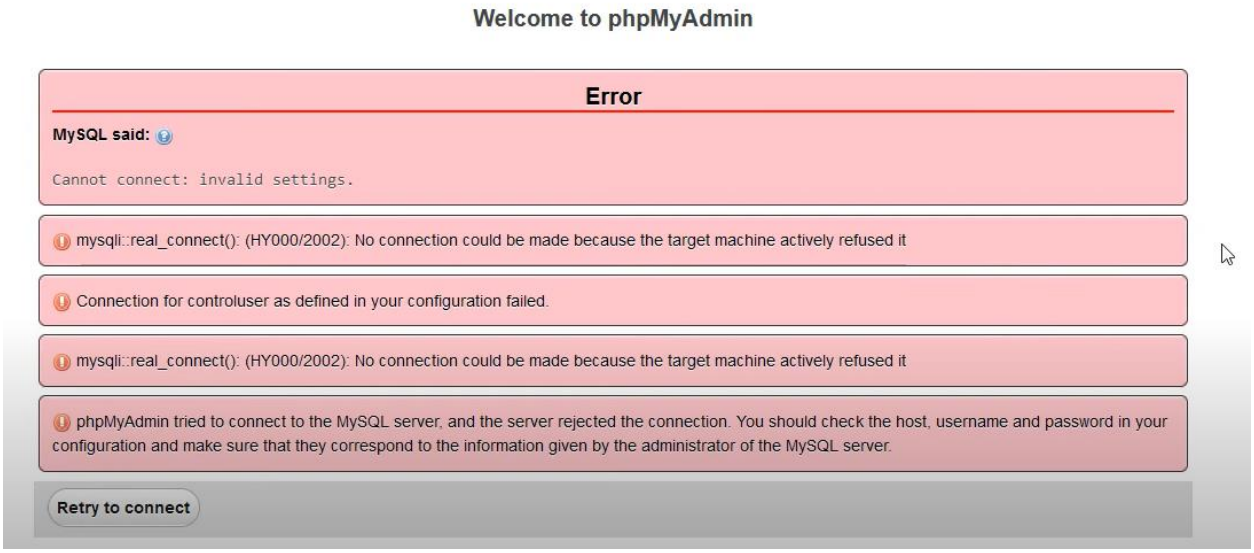
- Than delete all the files in this folder except ibdata1



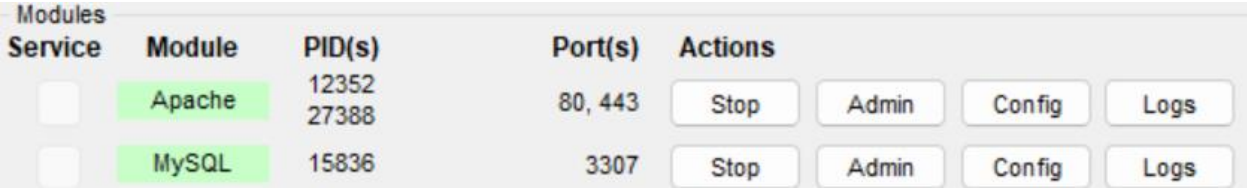
- Now, go to the backup folder and copy everything there except the ibdata1 file.
- After that, go back to the data folder and paste everything there.
- Now, start the mysql service again.



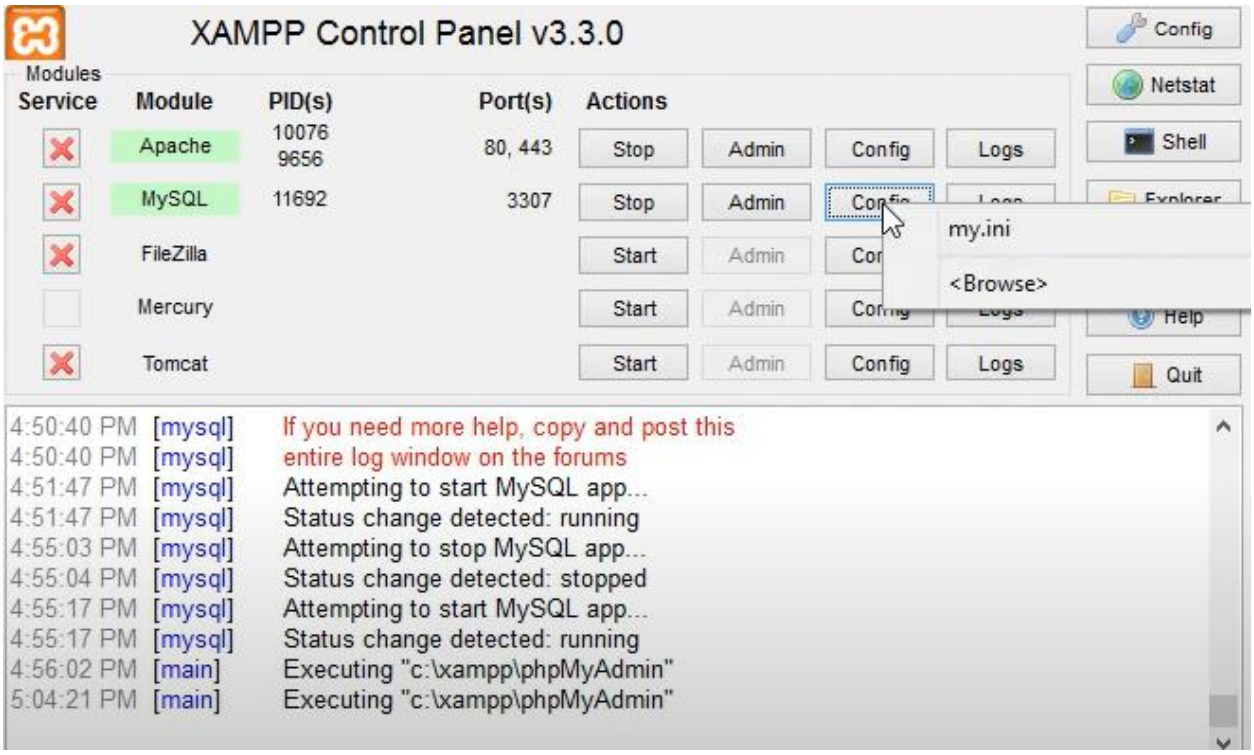
Issue3: Access denied due to failure in establishing connection to target machine.



Solution:



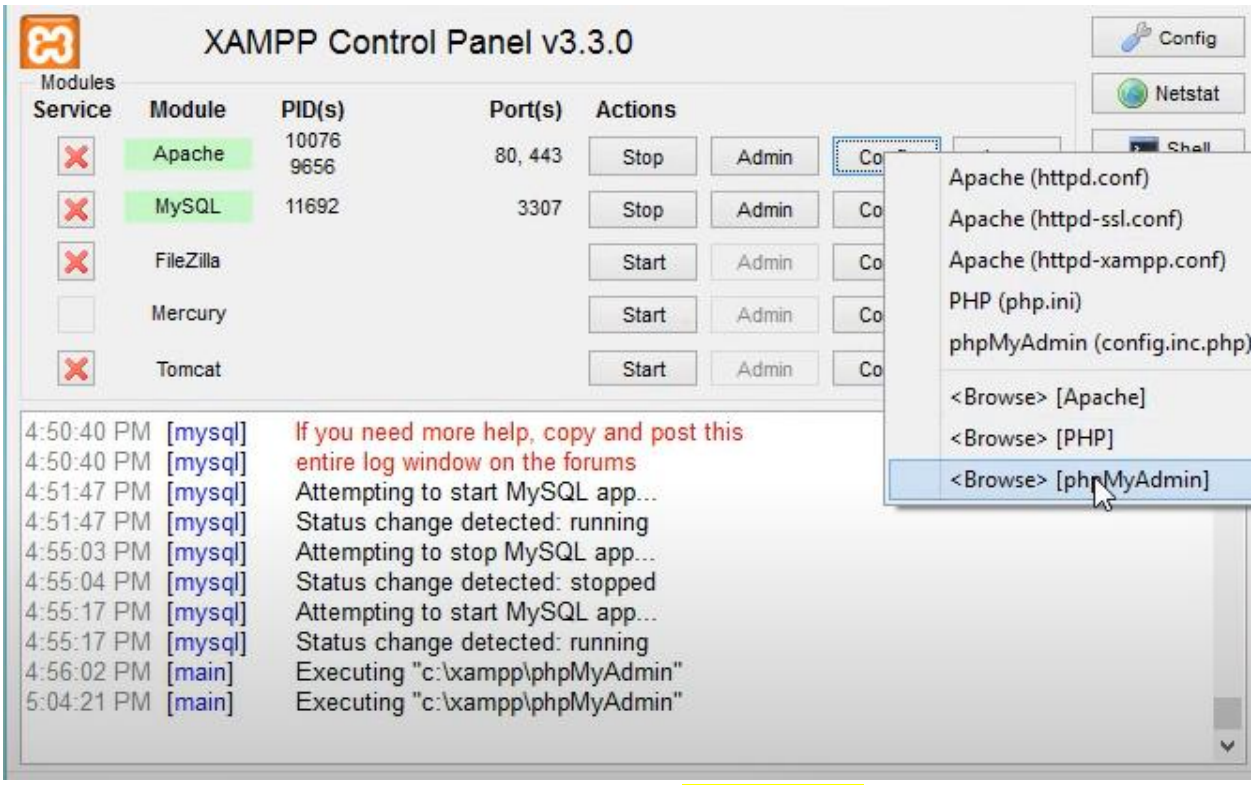
- To resolve this issue, we must change the port number of MySQL to the default one i.e., 3306 from (like 3307 or 8111) any other one you have set before fixing the issue.
- Then click on the Config option next to Admin of the MySQL module. It will show you a box that has the following option.



- Change the port number in that file to 3306 at all of its instances.

```
# The following options will be passed to all MySQL clients
[client]
# password       = your_password
port=3306
#port=8111
socket="C:/xampp/mysql/mysql.sock"


# Here follows entries for some specific programs

# The MySQL server
default-character-set=utf8mb4
[mysqld]
port=3306
#port=8111
socket="C:/xampp/mysql/mysql.sock"
```

- Then click on the Config option next to Admin of the Apache module. It will show you a box that has the following option.

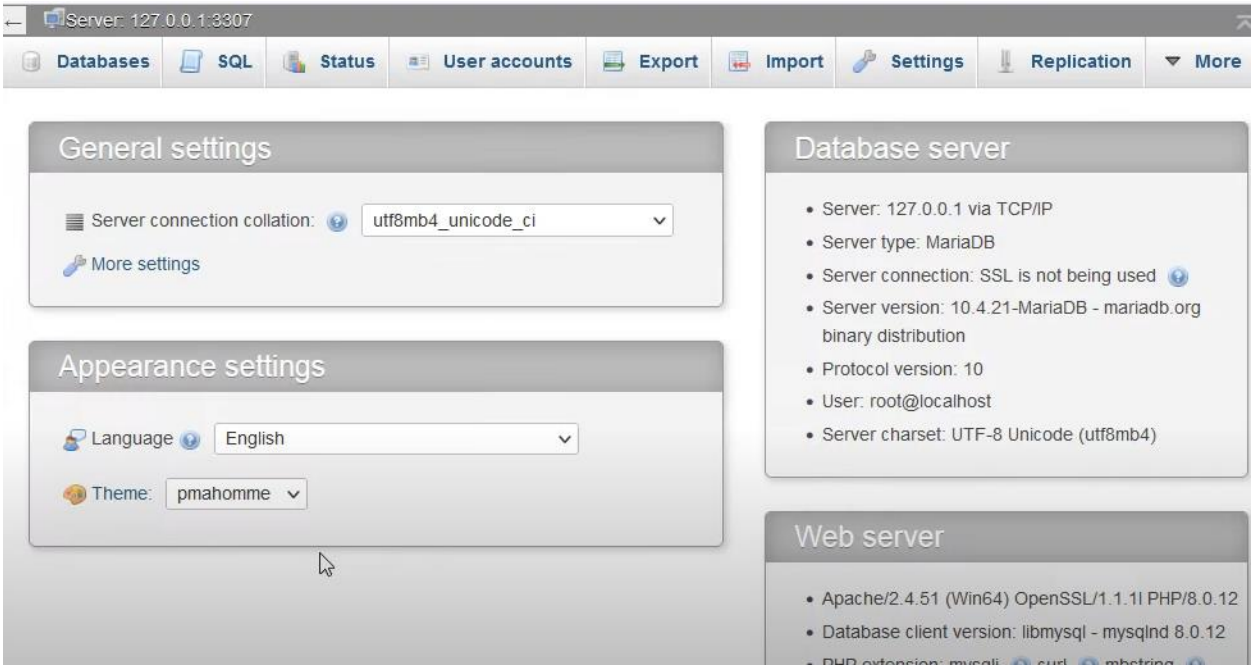


- Once the folder is open, then double click to open the config.inc.php file and find these lines:

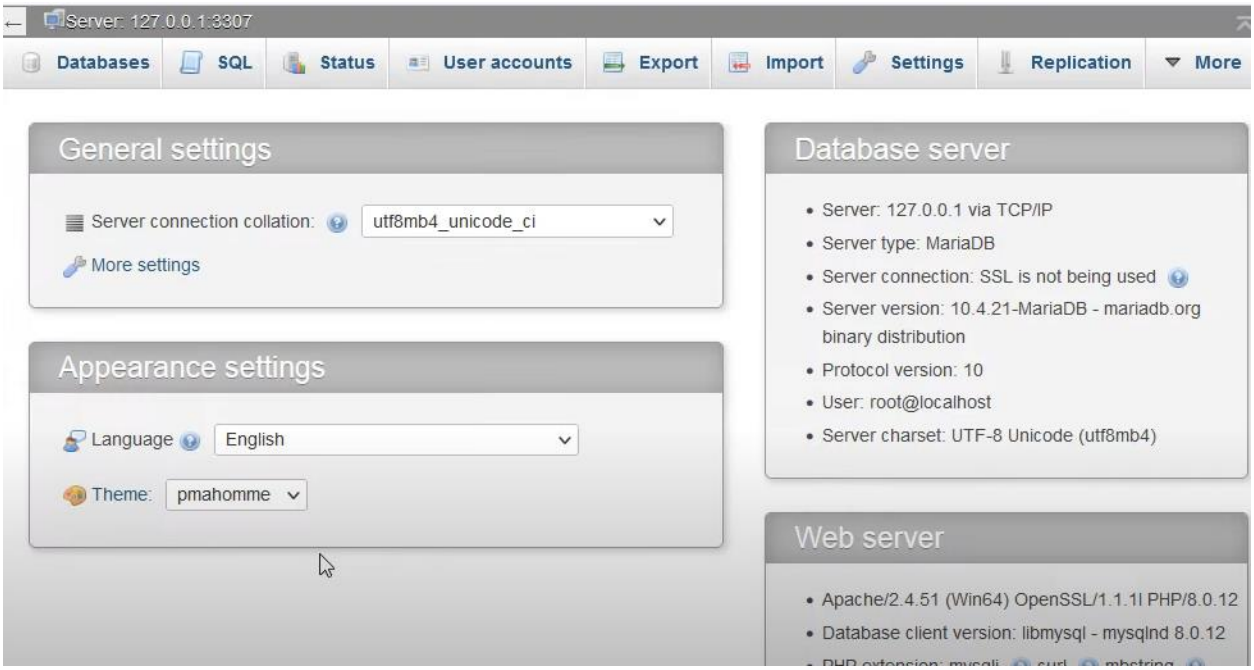
```
/* Bind to the localhost ipv4 address and tcp */
$cfg['Servers'][$i]['host'] = '127.0.0.1';
$cfg['Servers'][$i]['connect_type'] = 'tcp';
```

Then write the following line between these:
$cfg['Servers'][$i]['port'] = '8111';
OR
$cfg['Servers'][$i]['port'] = '3307';

- Once you save this file and run the localhost again it will run smoothly now without any issues.



- Now, stop the MySQL Module from the xampp control panel and go to config to open the my.ini file and change the port number back to default 3306.
- After this, go to config of Apache Module, open the config.inc.php file and delete the following line or just comment it.
  #$cfg['Servers'][$i]['port'] = '8111';
  OR
  #$cfg['Servers'][$i]['port'] = '3307';
- After this, the localhost will be working smoothly, and you will see the phpMyAdmin dashboard easily.


Server: 127.0.0.1:3307
Databases
SQL
Status
User accounts
Export
Import
Settings
Replication
More
General settings
Server connection collation:
utf8mb4_unicode_ci
More settings
Appearance settings
Language
English
Theme:
pmahomme
Database server
Server: 127.0.0.1 via TCP/IP
Server type: MariaDB
Server connection: SSL is not being used
Server version: 10.4.21-MariaDB - mariadb.org binary distribution
Protocol version: 10
User: root@localhost
Server charset: UTF-8 Unicode (utf8mb4)
Web server
Apache/2.4.51 (Win64) OpenSSL/1.1.1l PHP/8.0.12
Database client version: libmysql - mysqlnd 8.0.12

Issue4: