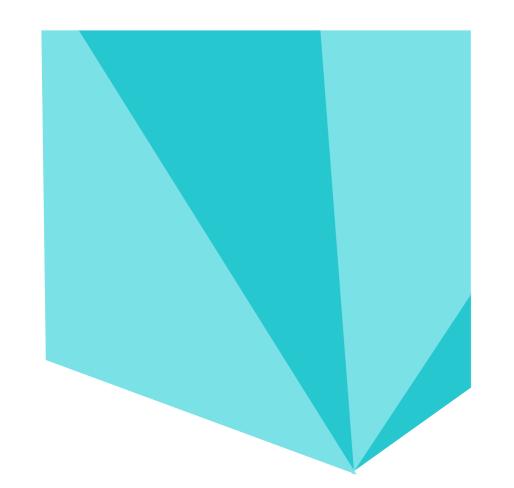
SOEN 387 WEB-BASED ENTERPRISE APPLICATIONS DESIGN

Tutorial 3
Simple PHP application with Database(MySQL)

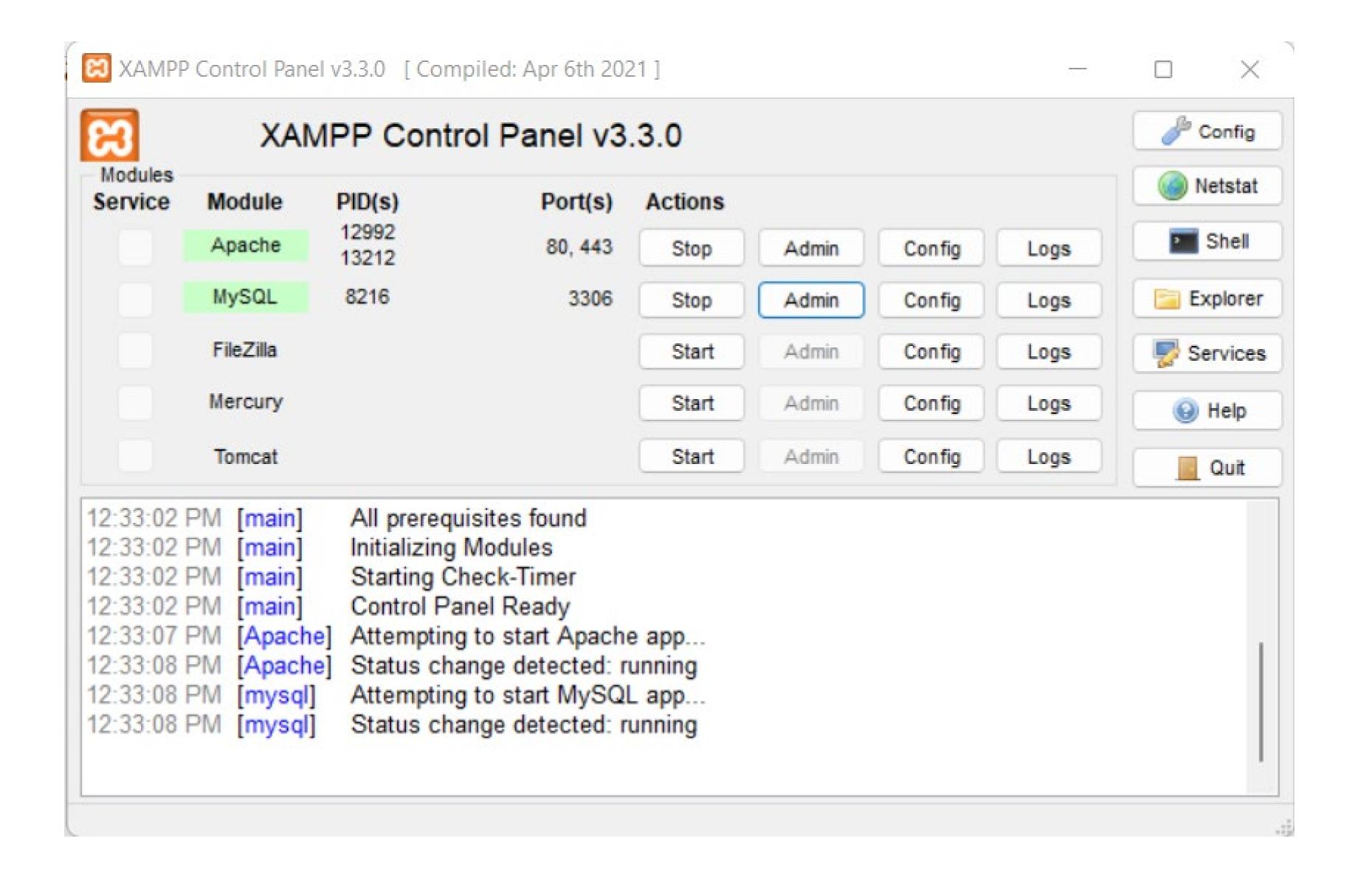
Agenda

- Understanding XAMPP Control Panel and Start Apache Server and MySQL
- Creating Databases and Tables in MySQL
- > PHP MySQLi functions
- ➤ How to connect MySQL with PHP application ?



XAMMP

- XAMPP is a free and open source cross-platform webserver solution stack package, consisting mainly of the Apache HTTP Server, MySQL database, and interpreters for scripts written in the PHP and Perl programming languages.
- XAMPP's name is an acronym for:
- X ("Cross", meaning cross-platform)
- Apache HTTP Server
- MySQL
- PHP
- Perl
- Tomcat





phpmyadmin

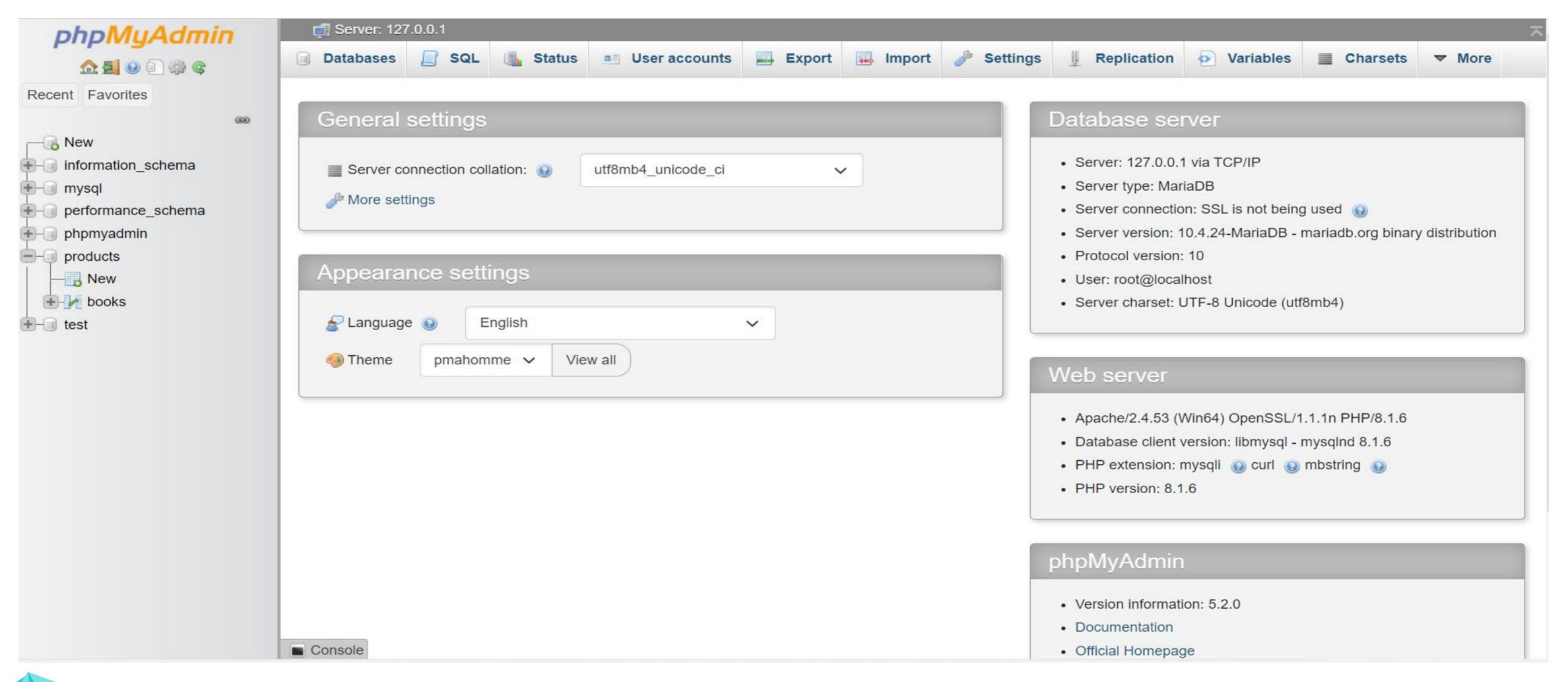
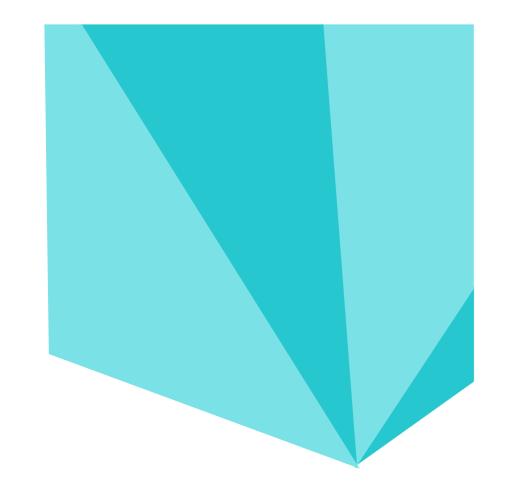


Figure 2. phpmyadmin panel



Creating Database and Tables in phpmyadmin

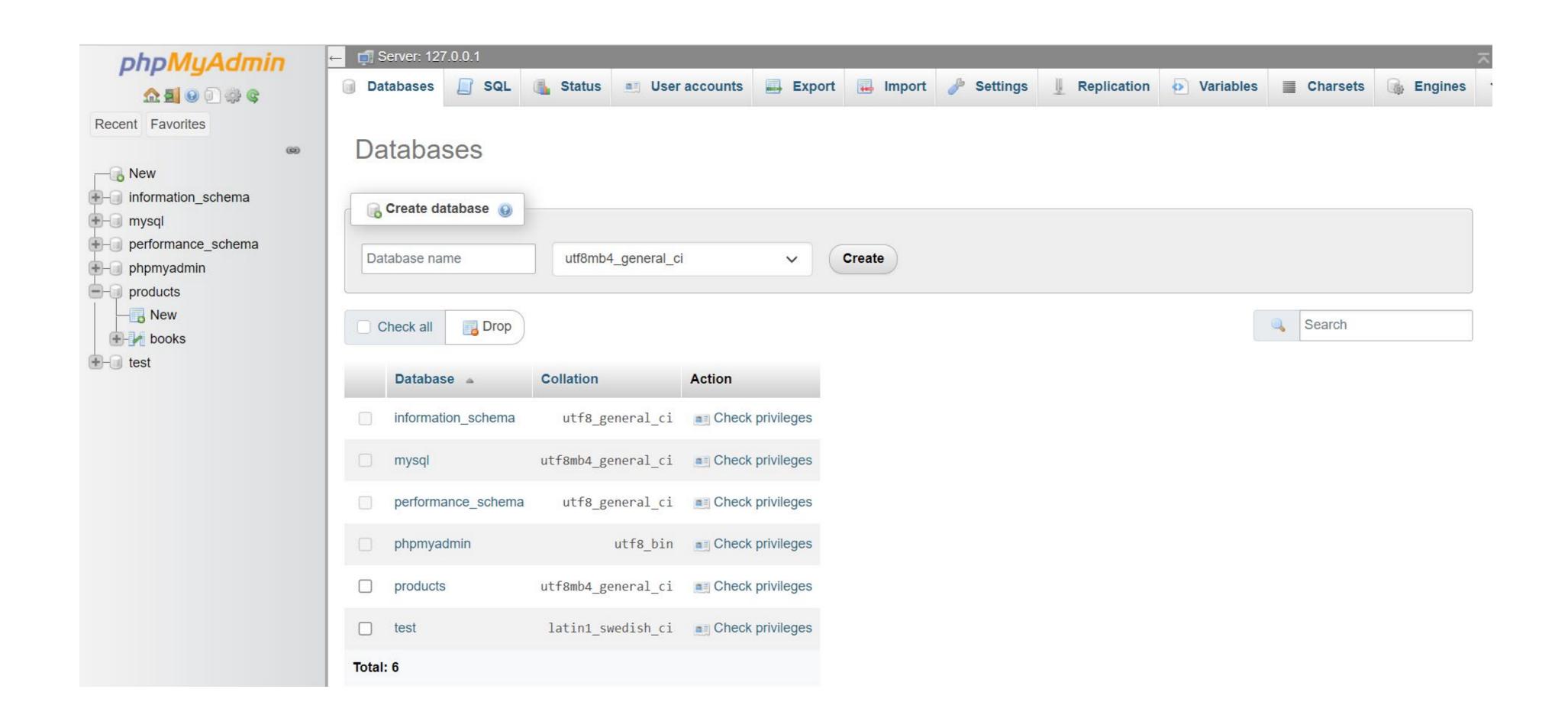


Figure 3. Create Database

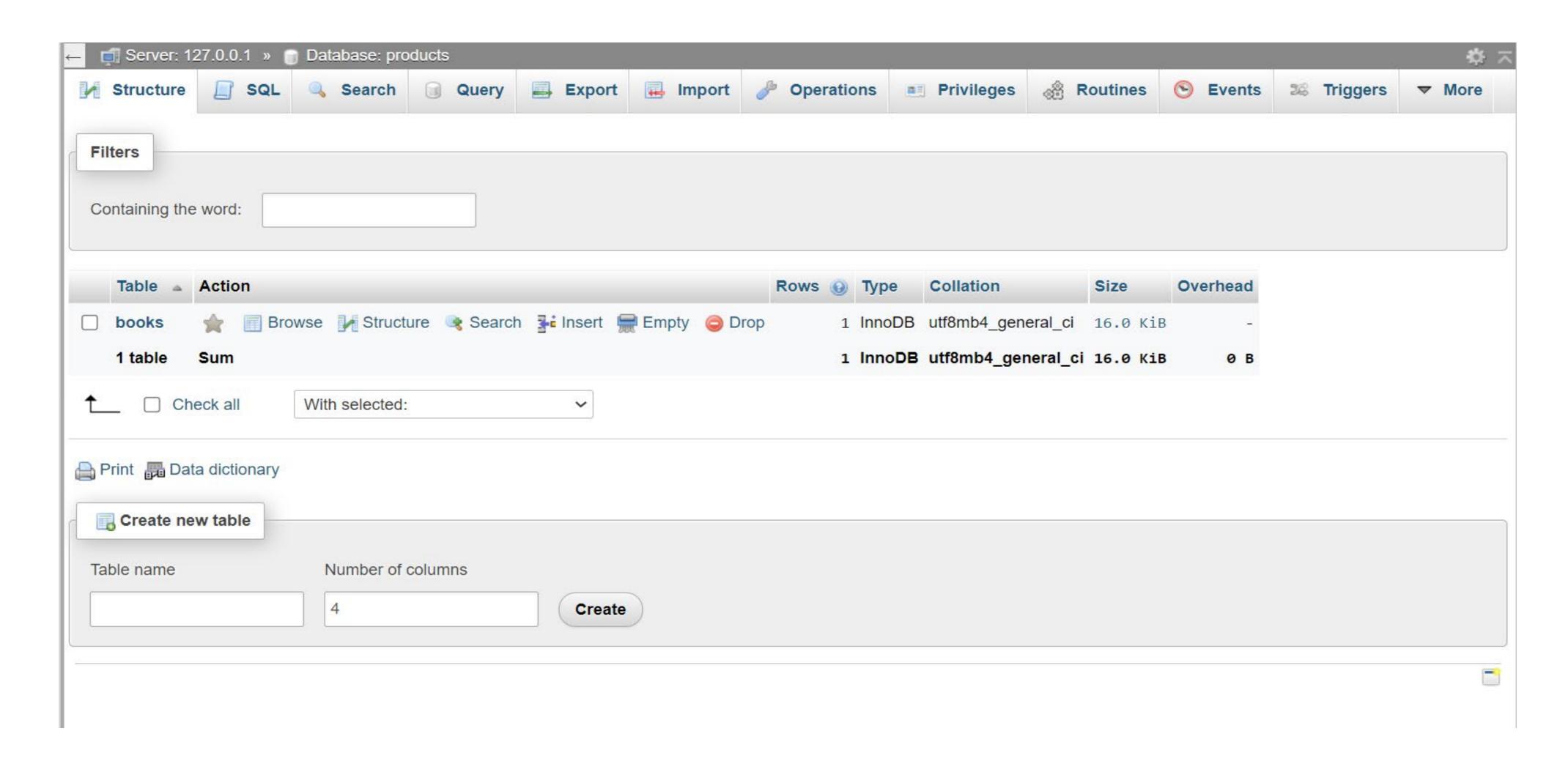
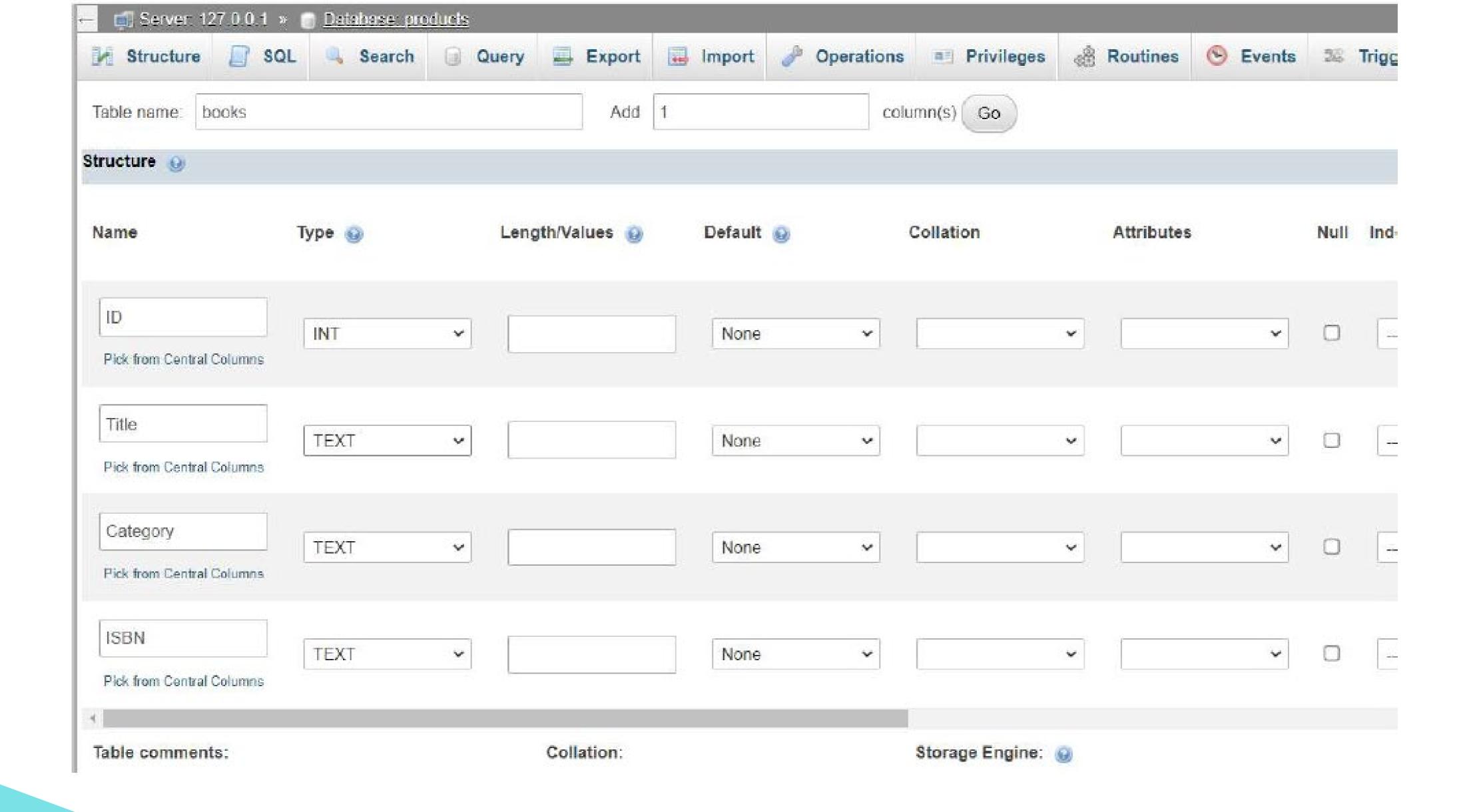
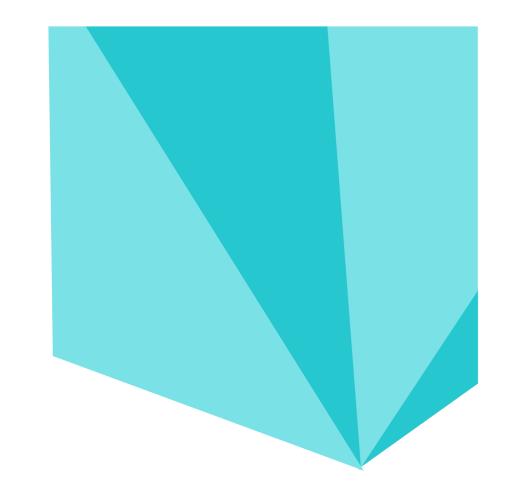


Figure 4. Create Table





MySQLi functions

- 1. mysqli_connect()
 - Open a new connection to the MySQL server
- 2. mysqli_select_db()
 - Selects the default database for database queries
- 3. mysqli_query()
 - Performs a query on the database
- 4. mysqli_close()
 - Closes a previously opened database connection



How to connect MySQL with PHP application?

Syntax:

- 1. mysqli_connect(Hostname, username, password)
- 2. mysqli_select_db(connection, database_name)

So, to run the project completely, do the following steps:

- copy bookClient.html, bookServer1.php and bookServer2.php to directory c:\xampp\htdocs
- open Internet browser and type in http://localhost/bookClient.htm

Insert to MySQL database.
book ID 0
Book Title xxxx
Category xxx
ISBN
Insert to DB
Querying a MySQL database.
Select a field to display: * ~
Send Query

output

Thank You!

One Last Meme ©

Programmers looking at programming memes

