

Note: Remaining practical questions are based on database connectivity. Before accessing a database using your php files you must learn how to create a database using PhpMyAdmin.

PhpMyadmin:

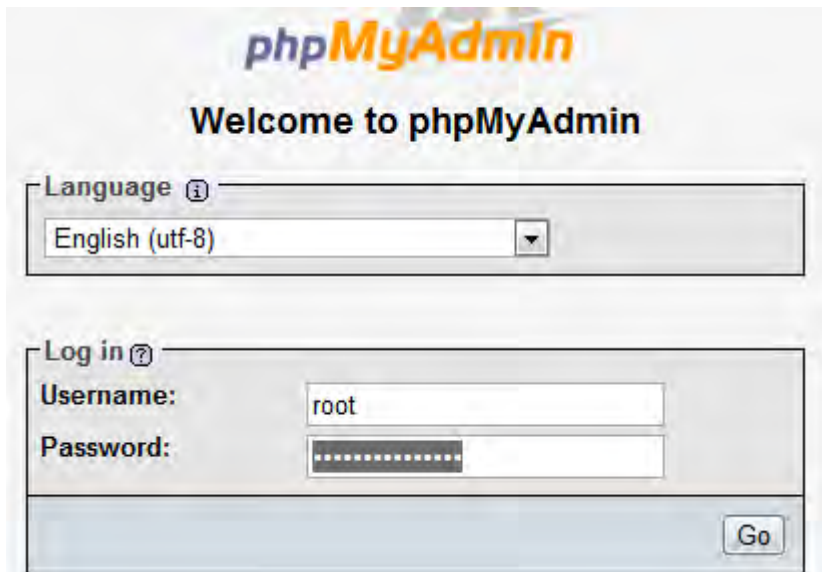
PhpMyAdmin is a popular web-based administration tool used to administrate MySQL servers and databases. Here are the steps to create a new database and a new user to access that database on a MySQL Server using phpMyAdmin.

Note:

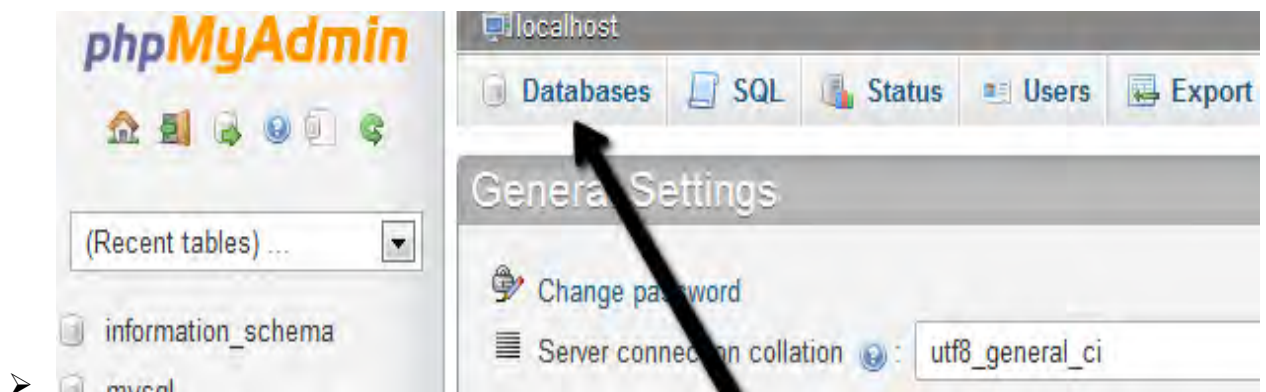
- You will require a root or DBA user login to the MySQL server, or a user login with permission to create new databases.
- You will need to have access to an instance of phpMyAdmin appropriately configured to administrate the MySQL server.

Steps:

- Browse to your phpMyAdmin URL using your Internet Web Browser. (LAMP)
<http://localhost/phpmyadmin>
- and login using username root and password that you set for phpmyadmin while installing LAMP.



- From the main menu choose Databases



- In the create database field type in a name for your database. Leave the collation drop down box if you wish to use the default MySQL schema collation. Click Create.



Your database will now be visible on the right hand side under the list of available databases. To setup a new user login to access this database, click on Users in the

main menu. Choose the Add User option under the list of available server users.



The screenshot shows the phpMyAdmin interface for 'localhost'. The 'Users' menu item is highlighted with a black arrow. Below the 'Users overview' table, the 'Add user' button is also highlighted with a black arrow.

User	Host	Password	Global privileges	Grant	Action
<input type="checkbox"/> Any	%	--	USAGE	No	
<input type="checkbox"/> Any	localhost	No	USAGE	No	
<input type="checkbox"/> backup	localhost	Yes	ALL PRIVILEGES	Yes	
<input type="checkbox"/> root	127.0.0.1	Yes	ALL PRIVILEGES	Yes	
<input type="checkbox"/> root	:::1	Yes	ALL PRIVILEGES	Yes	
<input type="checkbox"/> root	localhost	Yes	ALL PRIVILEGES	Yes	

Check All / Uncheck All

Add user

In the section titled Login Information - type in a username, localhost and a password in the fields as shown. Optionally you can press the Generate button to create a random password for you.

The screenshot shows the 'Login Information' form in phpMyAdmin. The form fields for User name, Host, Password, and Re-type are highlighted with a red box.

User name: Use text field:

Host: Local

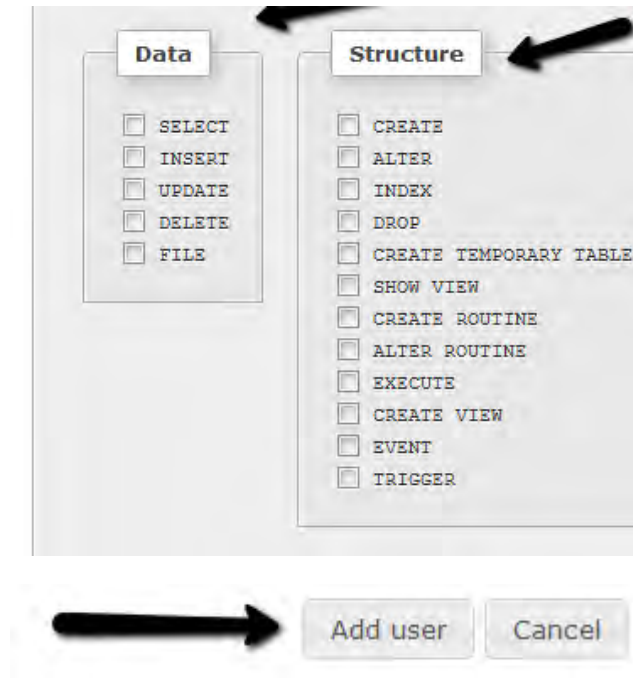
Password: Use text field:

Re-type:

Generate password:

The section that relates to the users GLOBAL privileges are privileges you want to assign to this user which apply to ALL databases on the server. It is recommended that you do NOT assign these permissions unless you know exactly what you are doing. It is far more secure to assign separate user

logins to each piece of software or website that will require access to only a *particular database*. Therefore leave this section BLANK, and then click the Add User button.



After the user is created, you can see it listed on the Users page. Click Edit Privileges to assign access to a specific database.

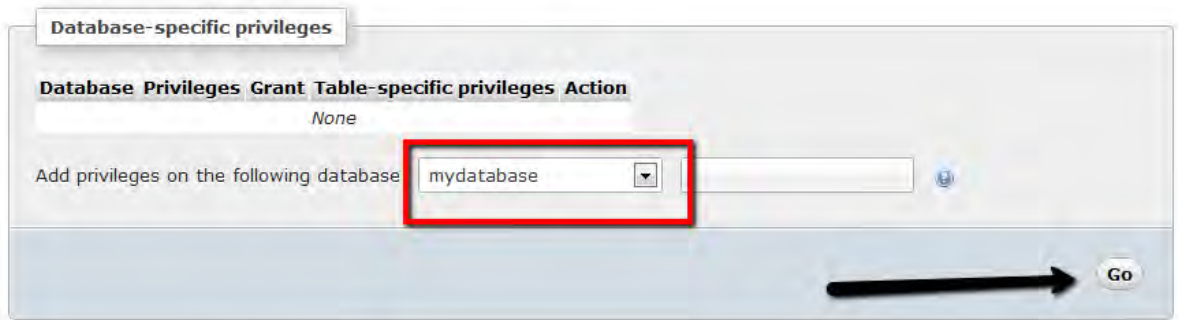
Users overview

User	Host	Password	Global privileges	Grant	Action
<input type="checkbox"/> Any	%	-	USAGE	No	Edit Privileges Export
<input type="checkbox"/> Any	localhost	No	USAGE	No	Edit Privileges Export
<input type="checkbox"/> backup	localhost	Yes	ALL PRIVILEGES	Yes	Edit Privileges Export
<input checked="" type="checkbox"/> mydatabase_admin	localhost	Yes	USAGE	No	Edit Privileges Export
<input type="checkbox"/> root	127.0.0.1	Yes	ALL PRIVILEGES	Yes	Edit Privileges Export
<input type="checkbox"/> root	::1	Yes	ALL PRIVILEGES	Yes	Edit Privileges Export
<input type="checkbox"/> root	localhost	Yes	ALL PRIVILEGES	Yes	Edit Privileges Export

Check All / Uncheck All

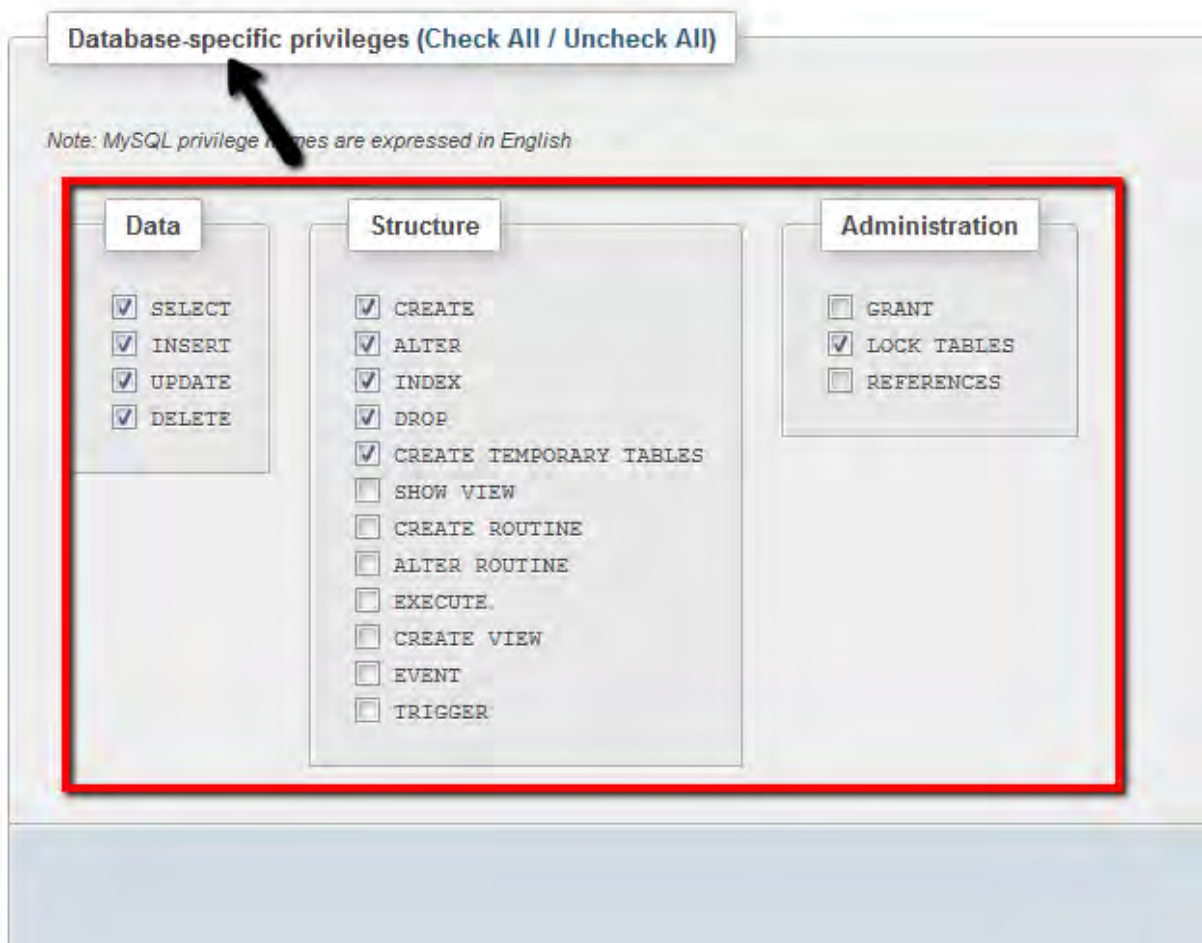
Once again leave the Global Privileges section BLANK. Scroll down to the section titled Database-Specific Privileges. Choose the database you want the user to

be able to access from the list, and click GO.

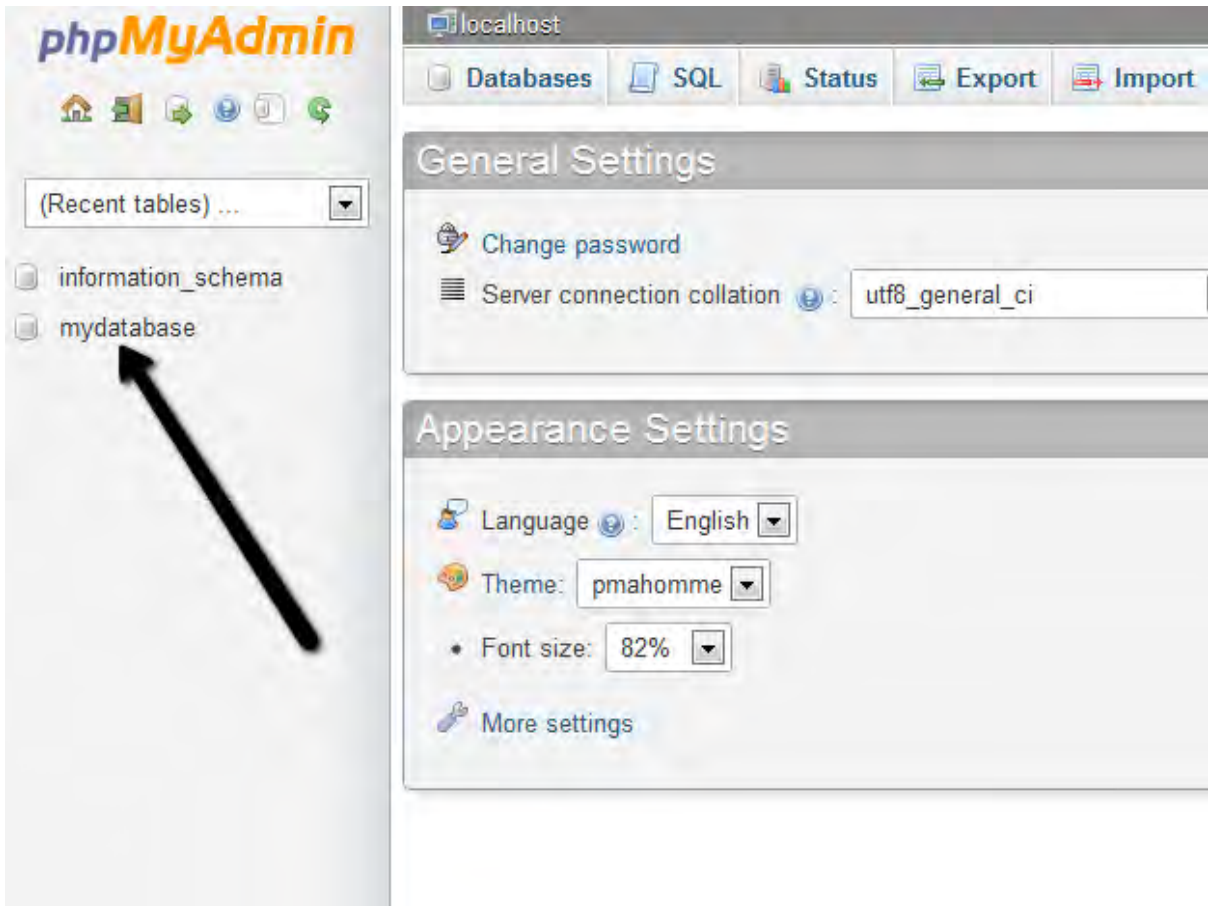


Assign the permissions as shown to provide the user with access to the given database. The following permissions are recommended for compatibility with most modern web-based software applications.

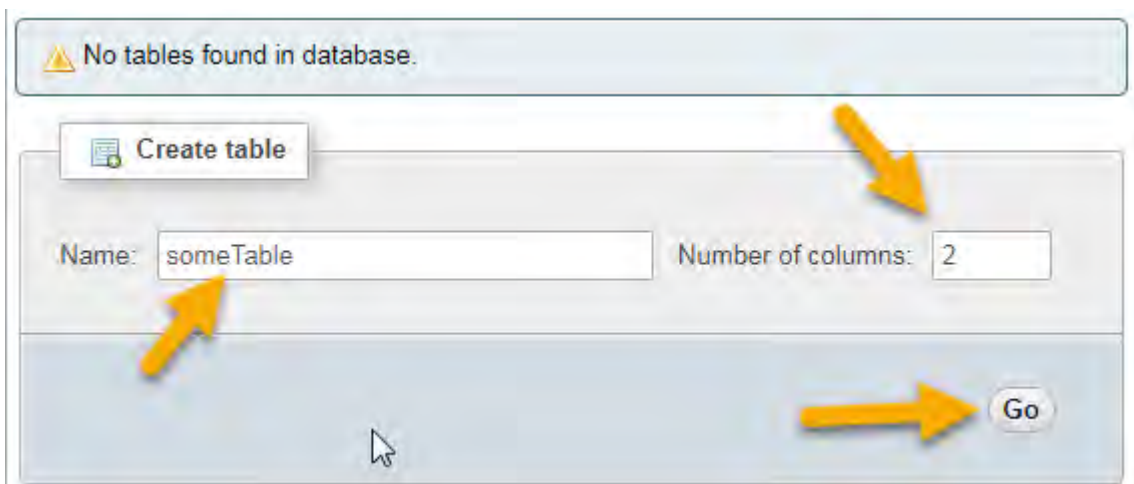
Select, Insert, Update, Delete, Create, Alter, Index, Drop, Create Temporary Tables, Lock Tables



Click GO after selecting the relevant privileges.

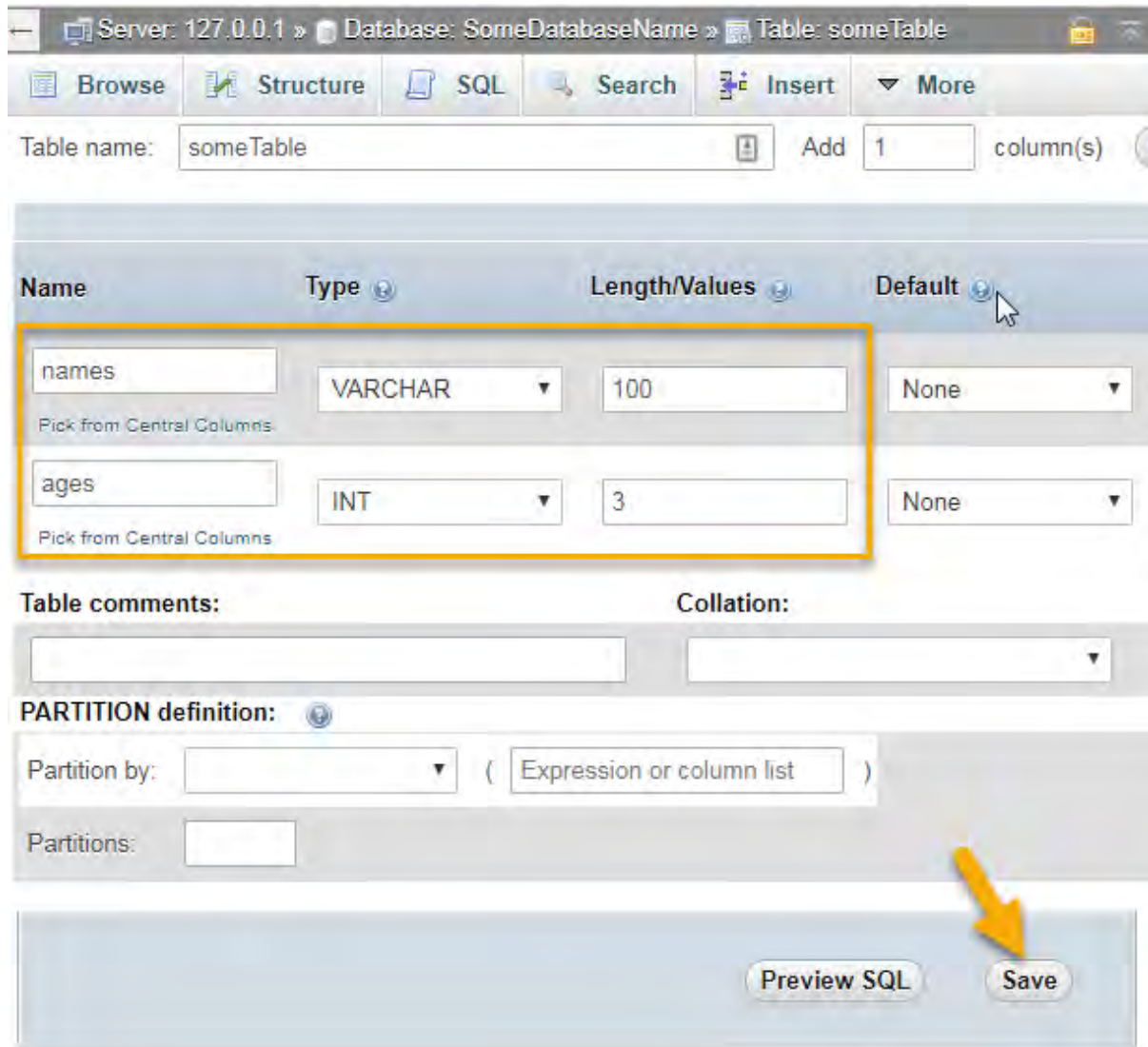


Select Database and click on create table with however many columns you want. Once you've decided that, click "Go" again:



This will require that you preplan your database a bit. You'll need to know exactly what you will be storing in it.

Once we filled in those fields, we would click "Save":



And there you have it! A new database with a table with two columns in it ready to be filled.

NOTE: For any doubt contact on Whatsapp no.: 9873961590

