

# Lab 3 – Web Server and Designing Web Pages

## Task 1: Creating database as per signup page of website.

Create a database and a table to store data of users provided during signup.



Sign in

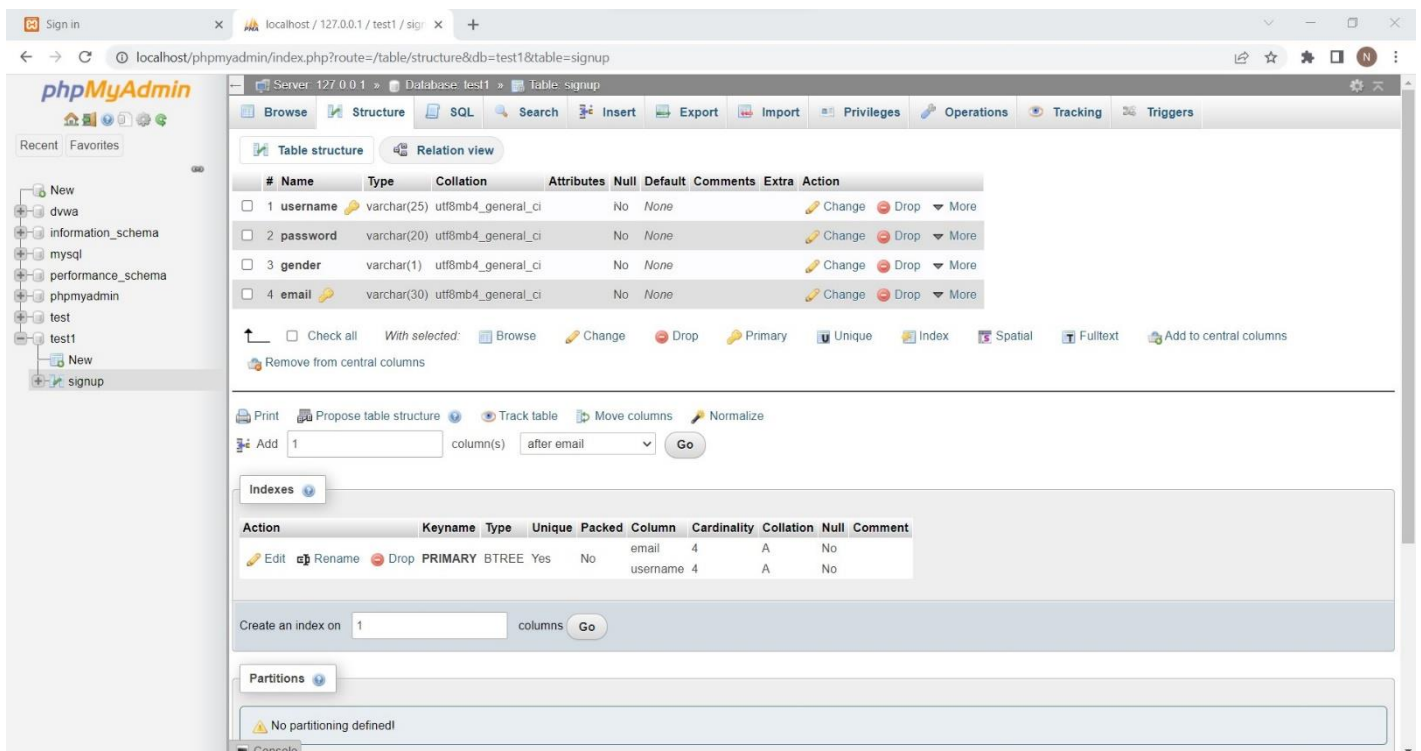
localhost/test/signup.html

Name:

Password:

[Sign in](#) [Sign Up](#)

[Forgot Password](#)



Server: 127.0.0.1 » Database: test1 » Table: signup

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 username	varchar(25)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	2 password	varchar(20)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	3 gender	varchar(1)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	4 email	varchar(30)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

☐ Check all With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Spatial](#) [Fulltext](#) [Add to central columns](#)

[Remove from central columns](#)

Print [Propose table structure](#) [Track table](#) [Move columns](#) [Normalize](#)

[Add](#) 1 column(s) after email [Go](#)

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
<a href="#">Edit</a> <a href="#">Rename</a> <a href="#">Drop</a>	PRIMARY	BTREE	Yes	No	email	4	A	No	
					username	4	A	No	

Create an index on 1 columns [Go](#)

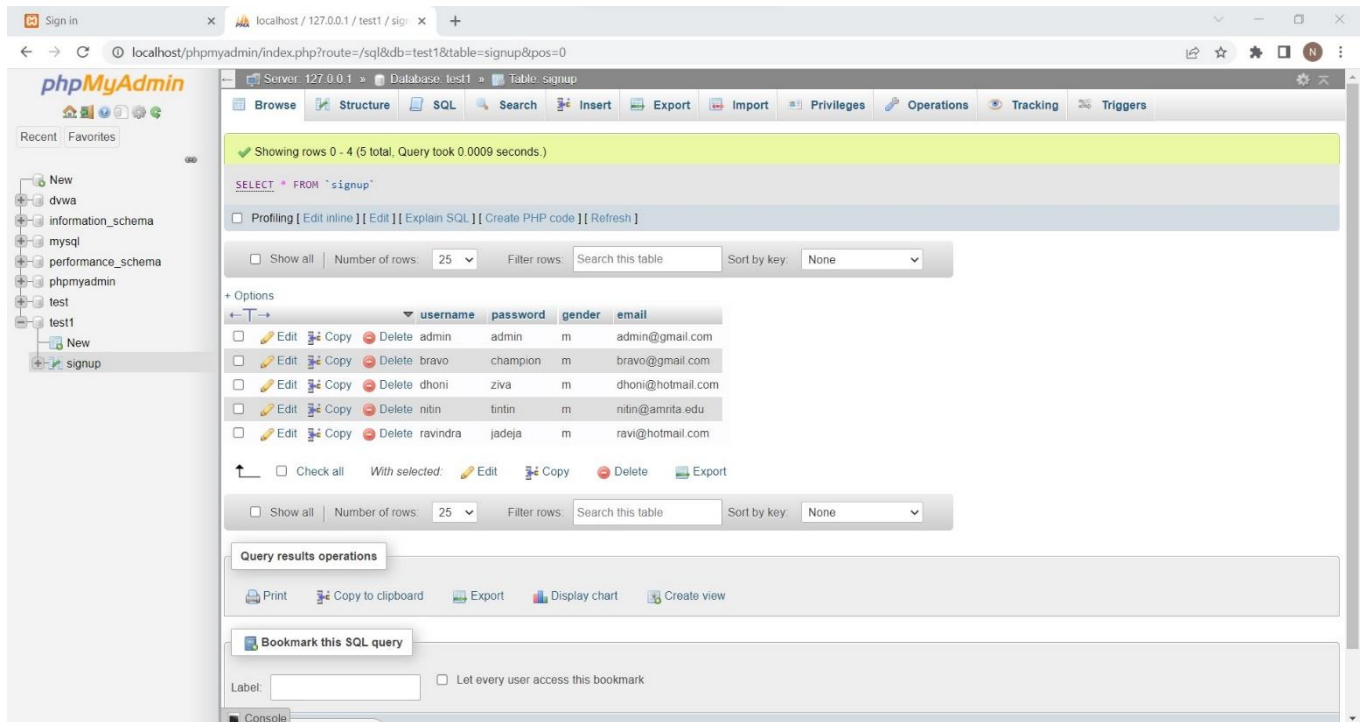
Partitions

No partitioning defined!

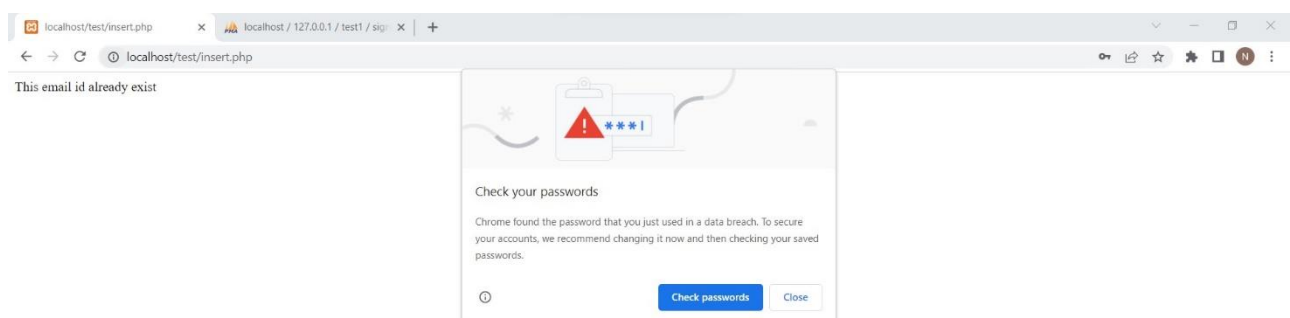
Console

## Task 2: Store data in database during signup and authenticate users.

Signup for at least 5 users and show data stored in database. You should also show the use of primary key and error thrown when primary key is repeated. Also authenticate the users before they login and show error when credentials are wrong.



## Primary key repeated



If credentials are correct



### Task 3: Session Management

Create a session when user is authenticated. Session should be active until user logout from the website. Once the user logout, the session should be invalidated.



## Task 4

Forgot Password

localhost/test/forgotpassword.html

Name:

Email:

New Password:

localhost/test/insert.php

localhost / 127.0.0.1 / test1 / signup

localhost/phpmyadmin/index.php?route=/sql&db=test1&table=signup&pos=0

Showing rows 0 - 4 (5 total, Query took 0.0009 seconds)

```
SELECT * FROM `signup`
```

☐ Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

	username	password	gender	email
<input type="checkbox"/> Edit <input type="button" value="Copy"/> <input type="button" value="Delete"/>	admin	admin	m	admin@gmail.com
<input type="checkbox"/> Edit <input type="button" value="Copy"/> <input type="button" value="Delete"/>	bravo	champion	m	bravo@gmail.com
<input type="checkbox"/> Edit <input type="button" value="Copy"/> <input type="button" value="Delete"/>	dhoni	ziva	m	dhoni@hotmail.com
<input type="checkbox"/> Edit <input type="button" value="Copy"/> <input type="button" value="Delete"/>	nitin	tintin	m	nitin@amrita.edu
<input type="checkbox"/> Edit <input type="button" value="Copy"/> <input type="button" value="Delete"/>	ravindra	jadeja	m	ravi@hotmail.com

☐ Check all | With selected:

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Bookmark this SQL query

Label:  ☐ Let every user access this bookmark

Console