How to get into Database on Computer Using VSC and Ampps

1. Do: “cd C:\Program Files\Ampps\mysql\bin”



1. Login doing: “mysql -u root -p” pass should be “mysql”



1. Make an account by doing “create user 'tester'@'localhost' identified by 'comptest';”



1. Create a database. Example: “create database testbase;“



1. Grant permission: “grant all on testbase.\* to 'tester'@'localhost';”



1. Exit by doing “exit”



1. Login doing: “mysql -u tester -p” pass should be “comptest”



1. Then use the database that you made: “testbase”



$data = 'testbase';

$user = 'tester';

$pass = 'comptest';

9.

Copy and paste the SQL queries below:

CREATE TABLE UserAccount (

UserID INT PRIMARY KEY AUTO\_INCREMENT,

Username VARCHAR(50) COLLATE utf8mb4\_bin UNIQUE NOT NULL,

Password VARCHAR(255) COLLATE utf8mb4\_bin NOT NULL,

Email VARCHAR(255) UNIQUE NOT NULL,

UserType ENUM('User', 'Admin') DEFAULT 'User' NOT NULL

);

CREATE TABLE JavaChat (

MessageID INT PRIMARY KEY AUTO\_INCREMENT,

UserID INT,

Content VARCHAR(255) NOT NULL,

IsPrivate BOOLEAN DEFAULT FALSE,

Timestamp TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (UserID) REFERENCES UserAccount(UserID)

);

CREATE TABLE SQLChat (

MessageID INT PRIMARY KEY AUTO\_INCREMENT,

UserID INT,

Content VARCHAR(255) NOT NULL,

IsPrivate BOOLEAN DEFAULT FALSE,

Timestamp TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (UserID) REFERENCES UserAccount(UserID)

);

CREATE TABLE PythonChat (

MessageID INT PRIMARY KEY AUTO\_INCREMENT,

UserID INT,

Content VARCHAR(255) NOT NULL,

IsPrivate BOOLEAN DEFAULT FALSE,

Timestamp TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (UserID) REFERENCES UserAccount(UserID)

);

CREATE TABLE HTMLCSSChat (

MessageID INT PRIMARY KEY AUTO\_INCREMENT,

UserID INT,

Content VARCHAR(255) NOT NULL,

IsPrivate BOOLEAN DEFAULT FALSE,

Timestamp TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (UserID) REFERENCES UserAccount(UserID)

);

CREATE TABLE Messages (

MessageID INT AUTO\_INCREMENT PRIMARY KEY,

UserID INT,

RecipientID INT,

Content TEXT,

IsPrivate TINYINT(1) DEFAULT 0,

Timestamp TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (UserID) REFERENCES UserAccount(UserID),

FOREIGN KEY (RecipientID) REFERENCES UserAccount(UserID)

);

CREATE TABLE PasswordReset (

ID INT PRIMARY KEY AUTO\_INCREMENT,

UserID INT NOT NULL,

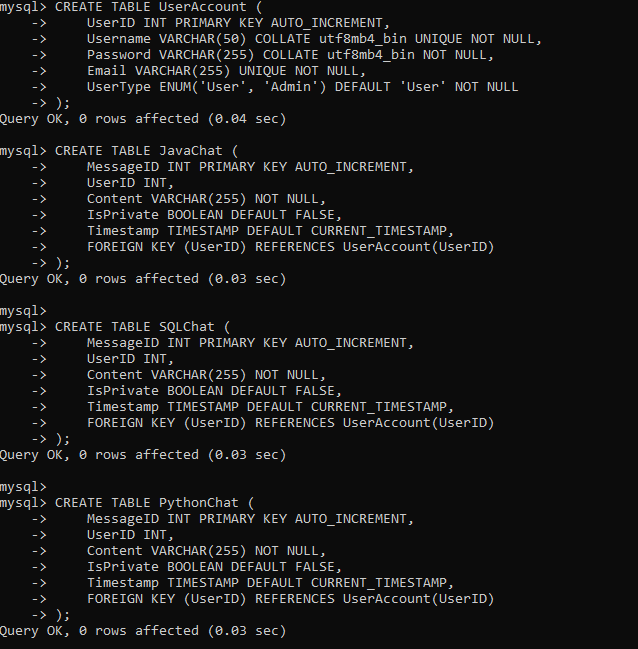
Token VARCHAR(255) NOT NULL,

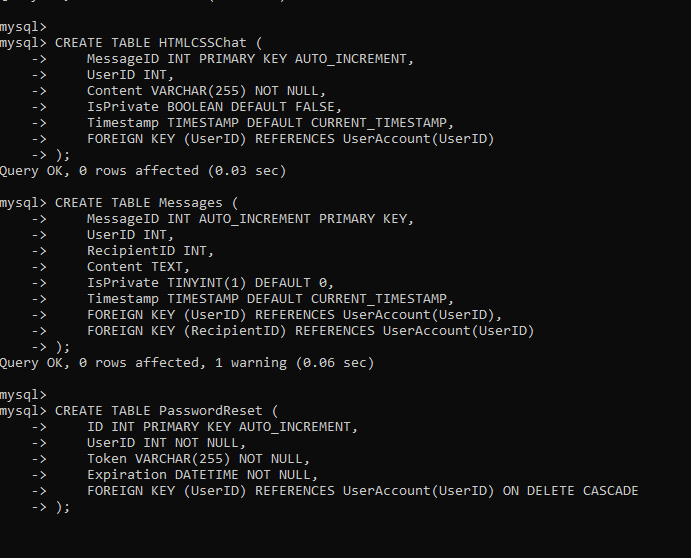
Expiration DATETIME NOT NULL,

FOREIGN KEY (UserID) REFERENCES UserAccount(UserID) ON DELETE CASCADE

);

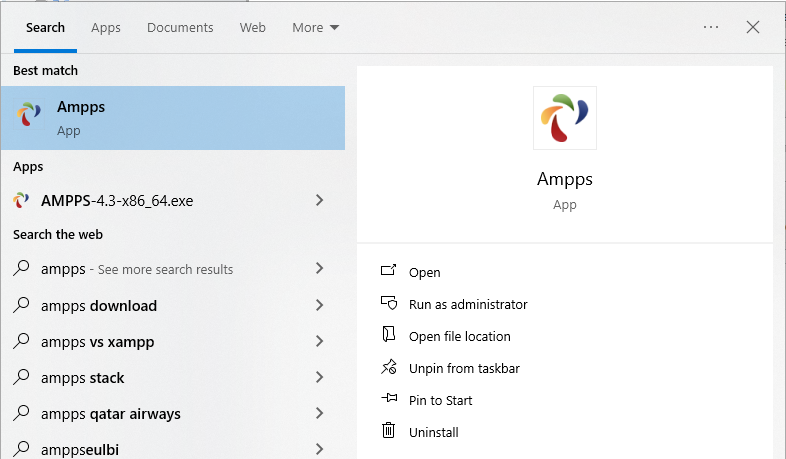
(You do not have to copy and paste one at a time, you can do all of it at once if wanted).





An alternative is (if using Ampps):

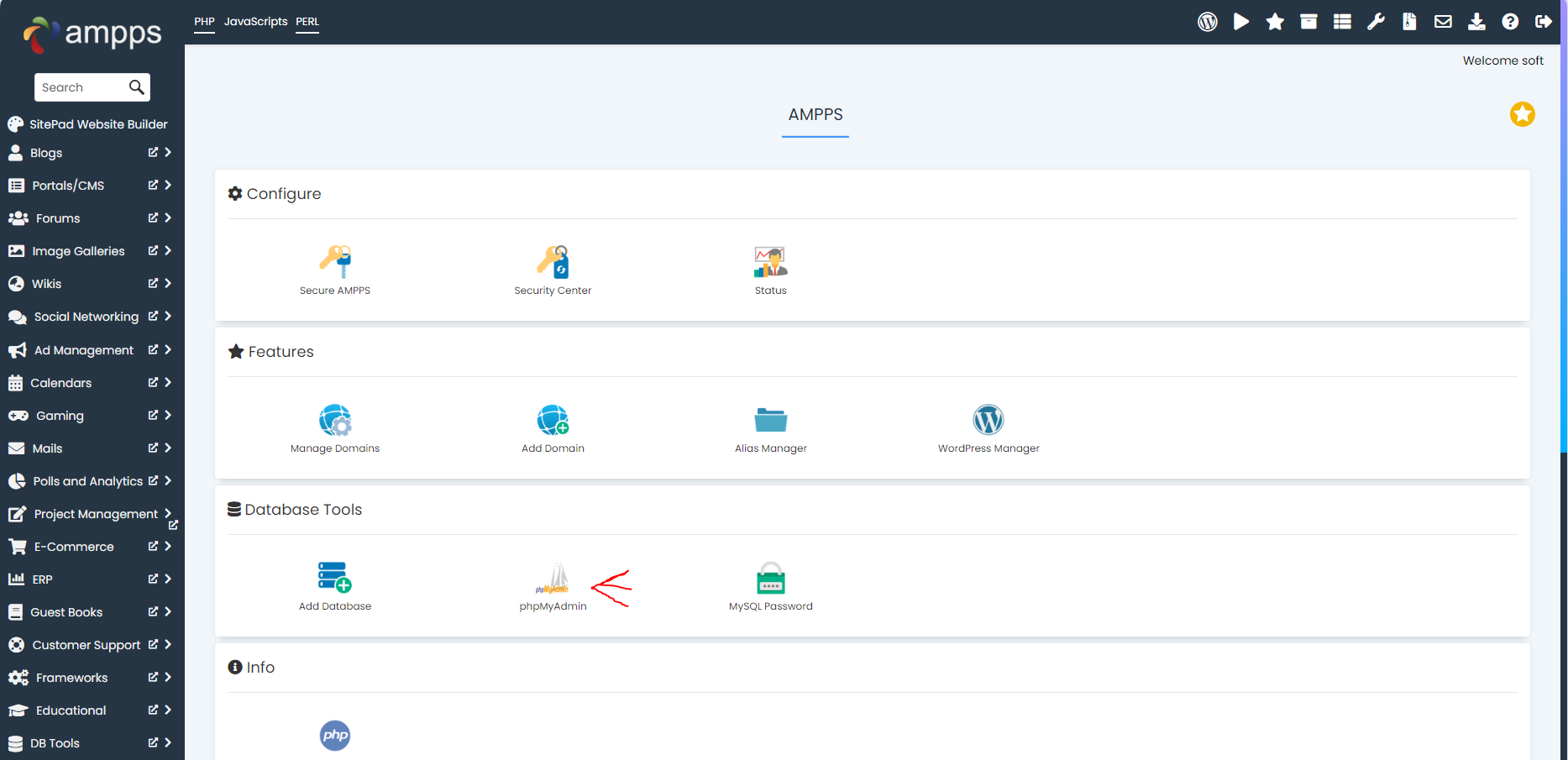
Open Ampps:



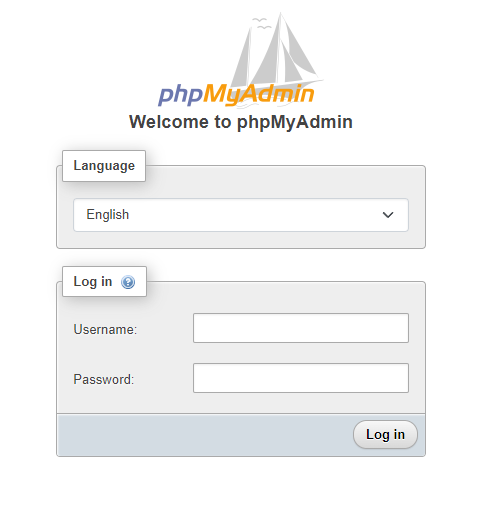
Click This:



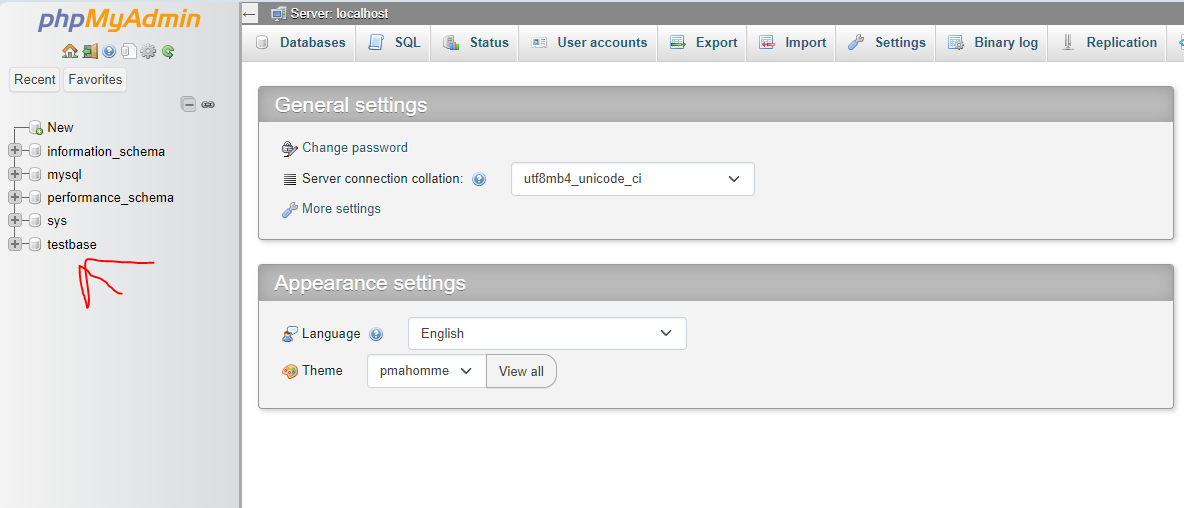
Locate to this:



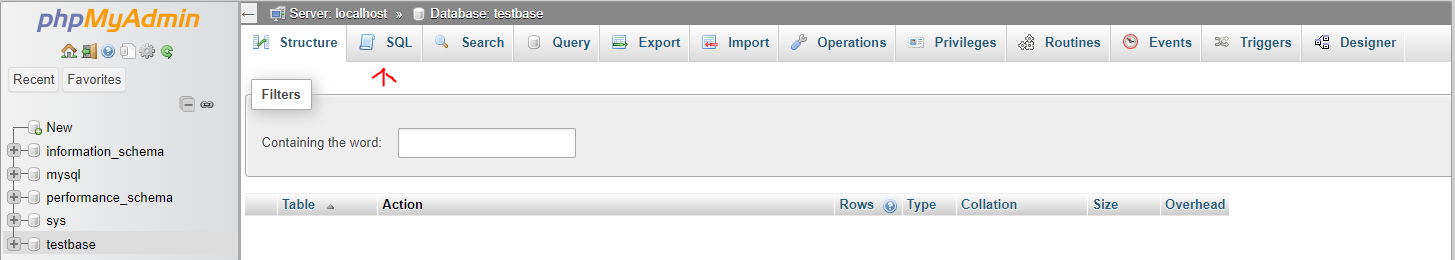
Then enter in the username: “root” and the password “mysql” and login:



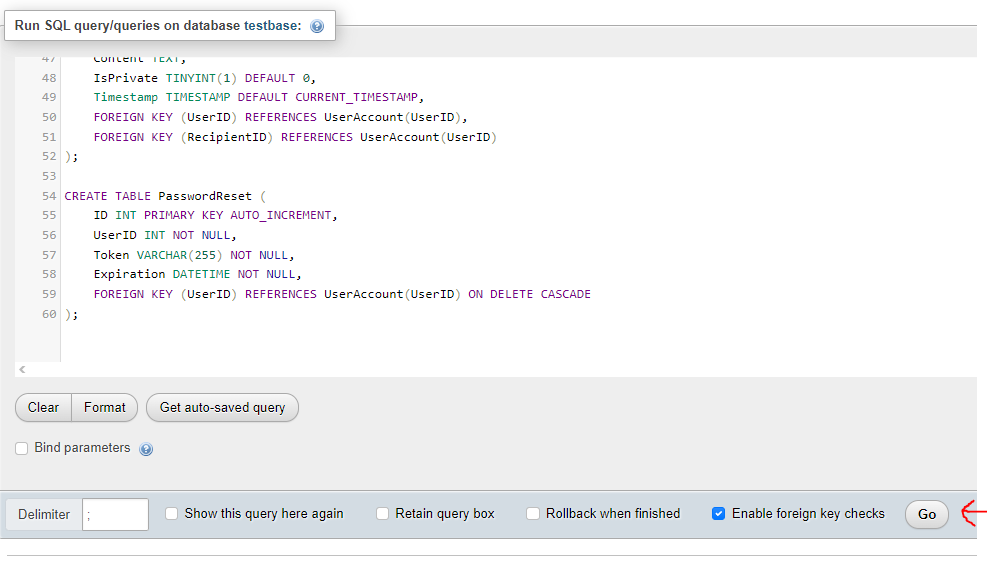
Click the database that you made (for me, it was “testbase”):



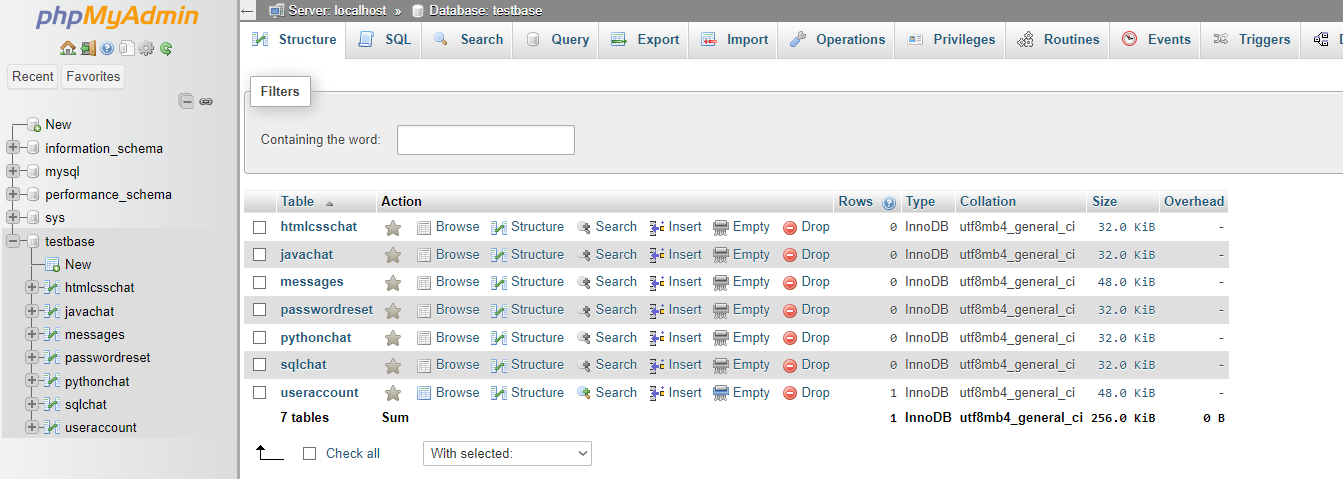
Then click “SQL”:



Finally, copy and paste the whole queries and click go:



10. Which ever route you took, it should look like this now:



1. After this, you should be done with all that you need. (If I forgot any steps, email me at thomsolo@kean.edu).