

Steps to setup MySQL Database on Raspberry Pi

- I. sudo apt update
- II. sudo apt upgrade
- III. sudo apt install mariadb-server
Secure your Database with password
- IV. sudo mysql_secure_installation
Set the password to secure
Give all necessary required permission
- V. sudo mysql -u root -p
Enter the password
- VI. CREATE DATABASE testdb;
- VII. CREATE USER 'HMS' @ 'localhost' IDENTIFIED by 'changeme' ;
- VIII. GRANT ALL PRIVILEGES ON testdb.* TO 'HSM' @ 'localhost' ;
- IX. FLUSH PRIVILEGES;
- X. Use testdb;
- XI. CREATE TABLE MyTable(
 _>INT AUTO_INCREMENT PRIMARY KEY;
 _>name VARCHAR(255),
 _>time DATE
 _>)ENGINE=INNODB;
- XII. INSERT INTO MyTable(name, time) VALUES ('HSM',now());
- XIII. SELECT * FROM MyTABLE;

PHPMyAdmin

- XIV. sudo apt install phpMyAdmin
- XV. sudo apt install php
- XVI. sudo nano /etc/apache2/apache2.conf
- XVII. sudo service apache2 restart
- XVIII. sudo ln -s /usr/share/phpMyAdmin /var/www/html
- XIX. hostname -I
 Copy the IP address of Raspberry Pi
 Type IP address/phpmyadmin/ on any web browser
 Enter the user credential to login
We can access Databases from left side of window
And modify required changes inside the table