

## STEP 1: Start XAMPP

Open the XAMPP Control Panel

Click Start for:

Apache

MySQL

## STEP 2: Create Database and Table in phpMyAdmin

<http://localhost/phpmyadmin>

### 2. Create a database:

On the left sidebar, click New

Name it: student

Click Create

### 3. Create a table: studentinfo

Click on the student database → Click **SQL** tab → Paste this:

```
CREATE TABLE studentinfo (  
    usn VARCHAR(20) PRIMARY KEY,  
    name VARCHAR(50),  
    address VARCHAR(100)  
);
```

### 4. Insert sample data:

Click **SQL** again, and paste:

```
INSERT INTO studentinfo (usn, name, address) VALUES  
( '4MH21CS001', 'Alice', 'New York'),  
( '4MH21CS005', 'Charlie', 'Texas'),  
( '4MH21CS003', 'Bob', 'California'),  
( '4MH21CS002', 'David', 'Nevada');
```

## STEP 3: Save the PHP

CodeC:\xampp\htdocs\studentsort.php

## STEP 4: Run the Program in Browser

`http://localhost/studentsort.php`


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Using SHELL:

**STEP 1:** Open MySQL Shell

On Windows (XAMPP):

Open XAMPP Control Panel

Make sure MySQL is running 

Click the Shell button in the XAMPP panel

**STEP 2:** Login to MySQL

`mysql -u root -p`

**STEP 3:** Create a Database and Table

**Create the `student` database:**

`CREATE DATABASE student;`

`USE student;`

Create the `studentinfo` table:

```
CREATE TABLE studentinfo (  
    usn VARCHAR(20) PRIMARY KEY,  
    name VARCHAR(50),  
    address VARCHAR(100)  
);
```

Insert sample student records:

`INSERT INTO studentinfo (usn, name, address) VALUES`

```
('4MH21CS001', 'Alice', 'New York'),  
( '4MH21CS005', 'Charlie', 'Texas'),  
( '4MH21CS003', 'Bob', 'California'),  
( '4MH21CS002', 'David', 'Nevada');
```

STEP 4: Verify the Data

```
SELECT * FROM studentinfo;
```

```
mysql -u root -p
```

```
CREATE DATABASE student;
```

```
USE student;
```

```
CREATE TABLE studentinfo (  
    usn VARCHAR(20) PRIMARY KEY,  
    name VARCHAR(50),  
    address VARCHAR(100)  
);
```

```
INSERT INTO studentinfo (usn, name, address) VALUES  
( '4MH21CS001', 'Alice', 'New York'),  
( '4MH21CS005', 'Charlie', 'Texas'),  
( '4MH21CS003', 'Bob', 'California'),  
( '4MH21CS002', 'David', 'Nevada');
```

```
SELECT * FROM studentinfo;
```

```
exit
```