LAB FOR SESSION 4

A. OBJECTIVES:

- Implement of 2 web pages based on 2 models static and dynamic

B. STEP BY STEP EXERCISES

1. Implement static web page:

- Type the following code to create student list:

```
<!DOCTYPE html>
<html>
<head>
    <title>Student List</title>
</head>
<body>
    <table align="center" border="1px" cellpadding="0" cellspacing="0">
        <caption align="center">Student List</caption>
        <tr>
            <th>Rollno</th>
            <th>Student FullName</th>
            <th>Address</th>
            <th>Email</th>
        </tr>
        <tr>
            <td>Student001</td>
            <td>LONG DANG HOANG</td>
            <td>Nguyen Van Cu street</td>
            <td>dvlong@gmail.com</td>
        </tr>
```

```
        <tr>
            <td>Student002</td>
            <td>HUNG NGUYEN THE</td>
            <td>Tran Hung Dao street</td>
            <td>nthung@gmail.com</td>
        </tr>
        <tr>
            <td>Student003</td>
            <td>THAO NGUYEN NGOC</td>
            <td>Ly Thuong Kiet street</td>
            <td>nnthao@gmail.com</td>
        </tr>
    </table>
</body>
</html>
```

Figure 4.1. StudentList.html

- Save as file with named: "StudentList.html".
- Displaying this file on browser, and result such as Figure 4.2:

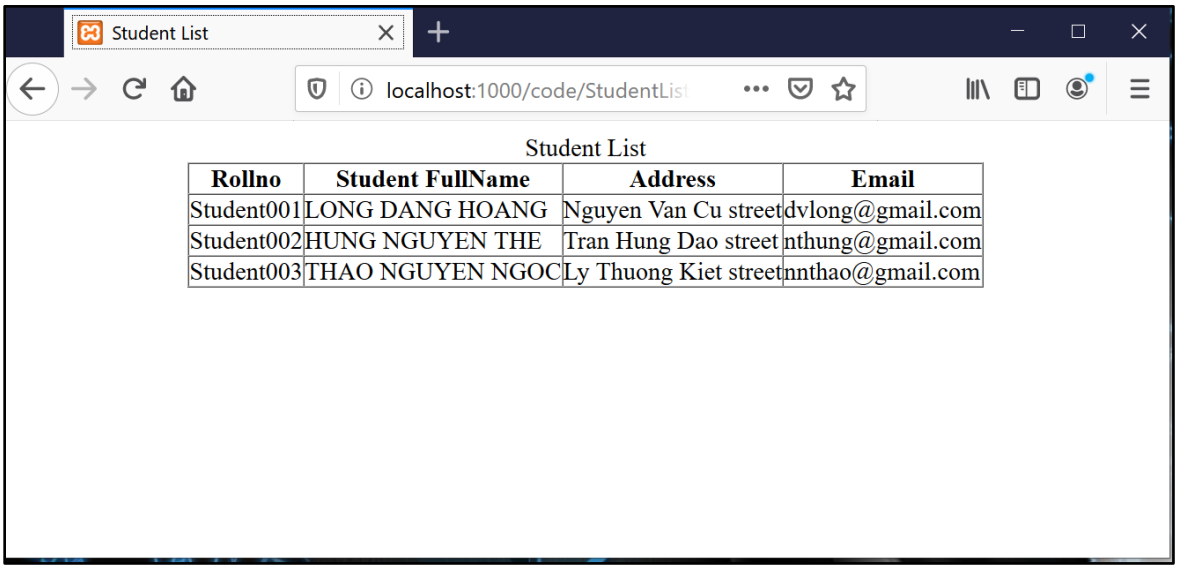

Figure 4.2. Student List is displayed on browser

2. Implement dynamic web page:

a. Create database named "College" in MySQL

b. Create table named "Student" in "Collage" database such as:

Field	Data Type	Constraint	Description
Rollno	Varchar(10)	Primary key	Roll no of student

Stname	Varchar(30)	Not null	Fullname of student
Address	Varchar(100)		Address of student
Email	Varchar(30)	Not null	Email of student

- Step 1: Navigate to http://localhost:1000/phpmyadmin.
- Step 2: Click "Database". Type "College" in to textbox and choose such as Figure 4.3 and then click "Create"

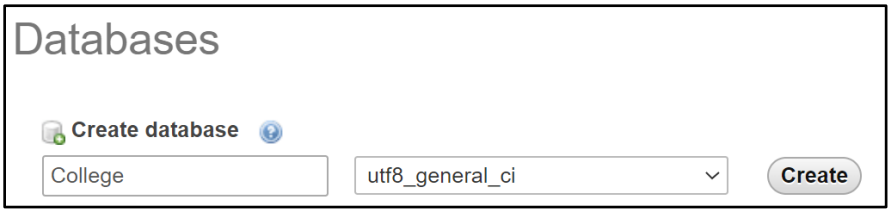

Figure 4.3. Create 'College' database

- "College" database will display in the left window such as:

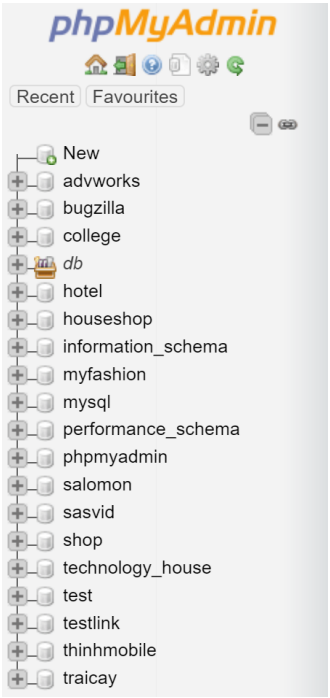

Figure 4.4. 'College' database display in phpMyAdmin

- Step 3: Click on "College" database to create "Student" table and then, click "Go"

Figure 4.5. Create 'Student' table

- Step 4: Enter information such as Fig 4.5, and then click ***"save"***

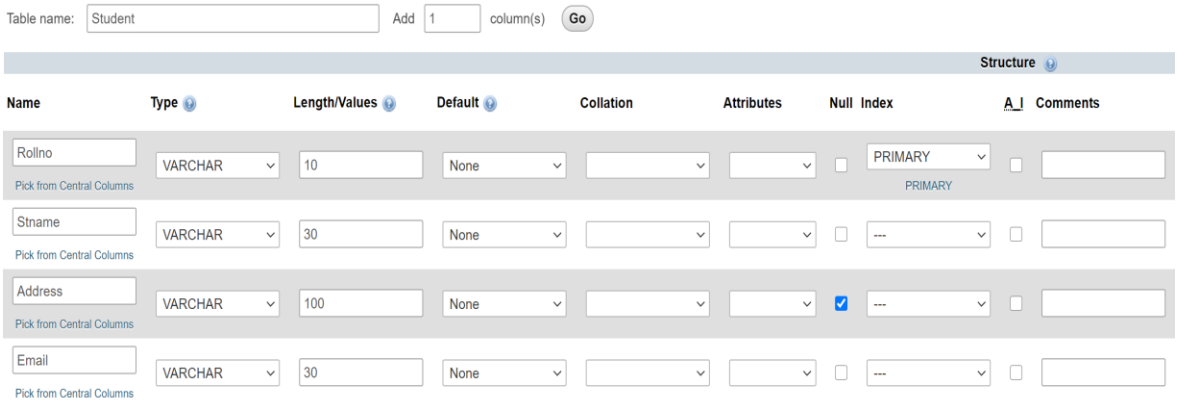

Figure 4.6. Create 'Student' table in MySQL

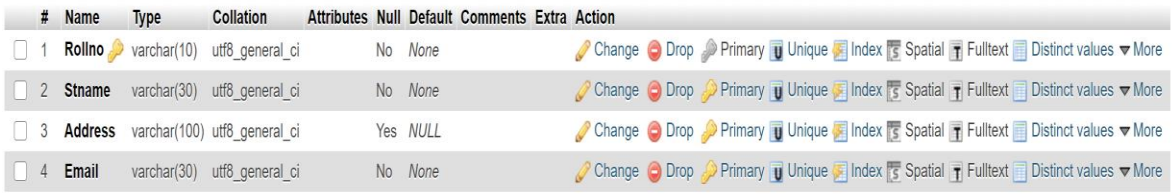

Figure 4.7. 'Student' table after creating in MySQL

- Step 5: Insert data into table

Figure 4.8. 'Student' table after inserting data

- Step 6: Type the following code to display student list on the browser.

```php
<!DOCTYPE html>
<html>
<head>
    <title>Student List</title>
</head>
<body>
    <?php
        //Creating connect to database
        $conn = mysqli_connect('localhost','root','','College')
        or die("Can not connect database".mysqli_connect_error());
        //Retrieving data from table
        $sql = "select * from Student";
        //Executing query.
        $result = mysqli_query($conn,$sql);
    ?>
<table align="center" border="1px" cellpadding="0" cellspacing="0">
    <caption align="center">Student List</caption>
    <tr>
        <th>Rollno</th>
        <th>Student FullName</th>
        <th>Address</th>
        <th>Email</th>
    </tr>
    <?php
        while($row = mysqli_fetch_array($result, MYSQLI_ASSOC))
        {
    ?>
    <tr>
        <td><?php echo $row['Rollno']; ?></td>
        <td><?php echo $row['Stname']; ?></td>
        <td><?php echo $row['Address']; ?></td>
        <td><?php echo $row['Email']; ?></td>
    </tr>
        <?php
            }
        ?>
    </table>
</body>
</html>
```

- Step 7: Save as above file with named **"StudentList.php"**.
- Step 8: Displaying this file on browser, and result such as Figure 4.2:

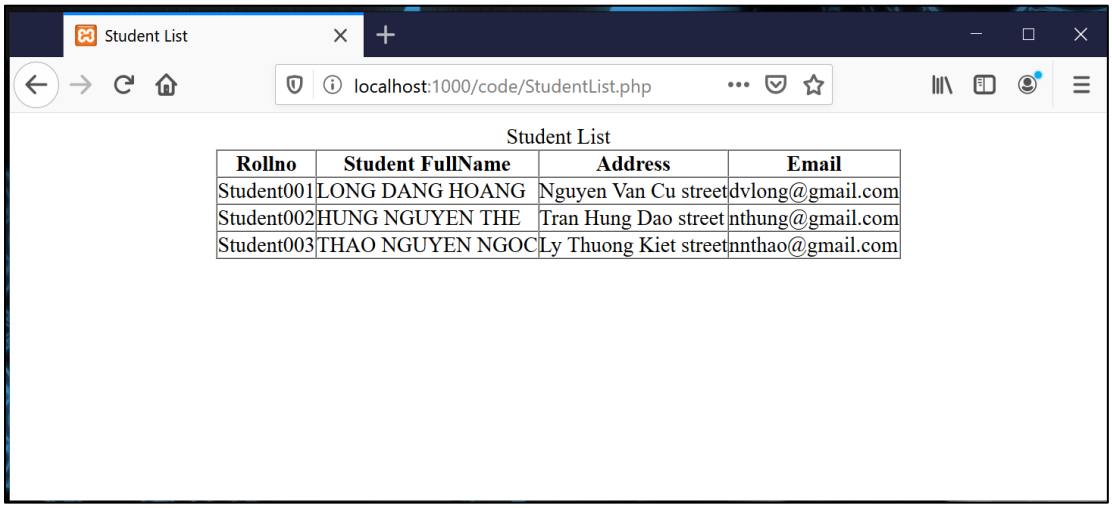

Figure 4.9. Student List is displayed on browser

❖ Question:

- Adding a student into 'Student' table.
- Runing file 'StudentList.php' again.