

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:

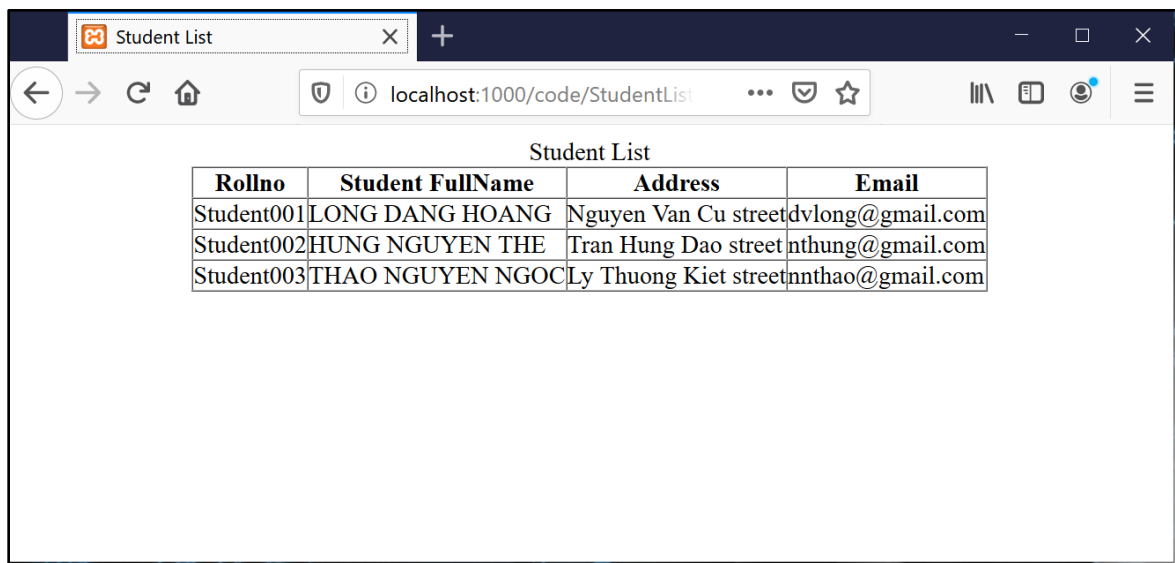


Figure 4.2. Student List is displayed on browser

2. Implement dynamic web page:

- Create database named “College” in MySQL
- Create table named “Student” in “Collage” database such as:

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

Sname	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”

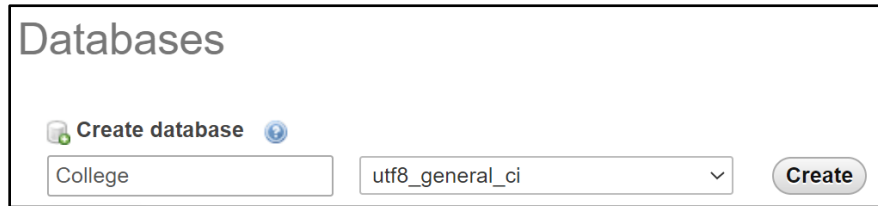


Figure 4.3. Create ‘College’ database

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

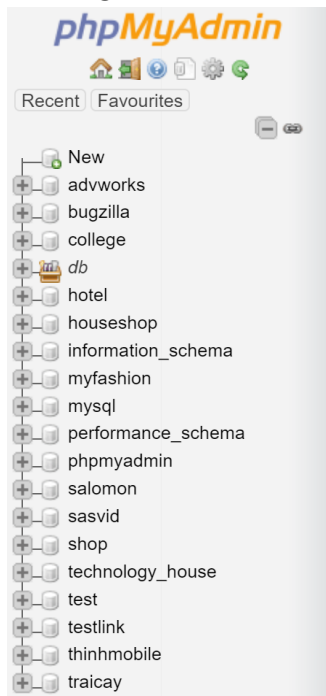


Figure 4.4. ‘College’ database display in phpMyAdmin

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

Create table

Name: Number of columns:

Go

Figure 4.5. Create 'Student' table

- Step 4: Enter information such as Fig 4.5, and then click “save”

Table name: Add column(s)

Structure

Name	Type	Length/Values	Default	Collation	Attributes	Null	Index	Comments
Rollno	VARCHAR	10	None				PRIMARY	
Sname	VARCHAR	30	None					
Address	VARCHAR	100	None			<input checked="" type="checkbox"/>		
Email	VARCHAR	30	None					

Figure 4.6. Create 'Student' table in MySQL

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	Rollno	varchar(10)	utf8_general_ci		No	None			
<input type="checkbox"/> 2	Sname	varchar(30)	utf8_general_ci		No	None			
<input type="checkbox"/> 3	Address	varchar(100)	utf8_general_ci		Yes	NULL			
<input type="checkbox"/> 4	Email	varchar(30)	utf8_general_ci		No	None			

Figure 4.7. 'Student' table after creating in MySQL

- Step 5: Insert data into table

+ Options

	Rollno	Sname	Address	Email
<input type="checkbox"/>	Student001	LONG DANG HOANG	Nguyen Van Cu street	dvlong@gmail.com
<input type="checkbox"/>	Student002	HUNG NGUYEN THE	Tran Hung Dao street	nthung@gmail.com
<input type="checkbox"/>	Student003	THAO NGUYEN NGOC	Ly Thuong Kiet street	nnthao@gmail.com

☐ Check all With selected:

Figure 4.8. 'Student' table after inserting data

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

```

<!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);

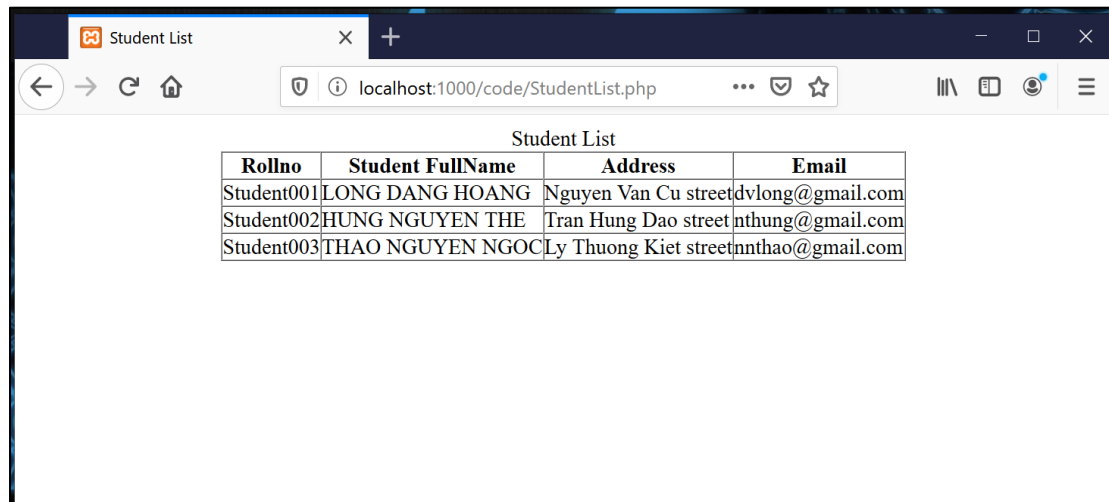
    ?>

<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:



The screenshot shows a web browser window with the title 'Student List'. The address bar shows 'localhost:1000/code/StudentList.php'. The main content area displays a table with the following data:

Rollno	Student FullName	Address	Email
Student001	LONG DANG HOANG	Nguyen Van Cu street	dvlong@gmail.com
Student002	HUNG NGUYEN THE	Tran Hung Dao street	nthung@gmail.com
Student003	THAO NGUYEN NGOC	Ly Thuong Kiet street	nnthao@gmail.com

Figure 4.9. Student List is displayed on browser

❖ Question:

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