

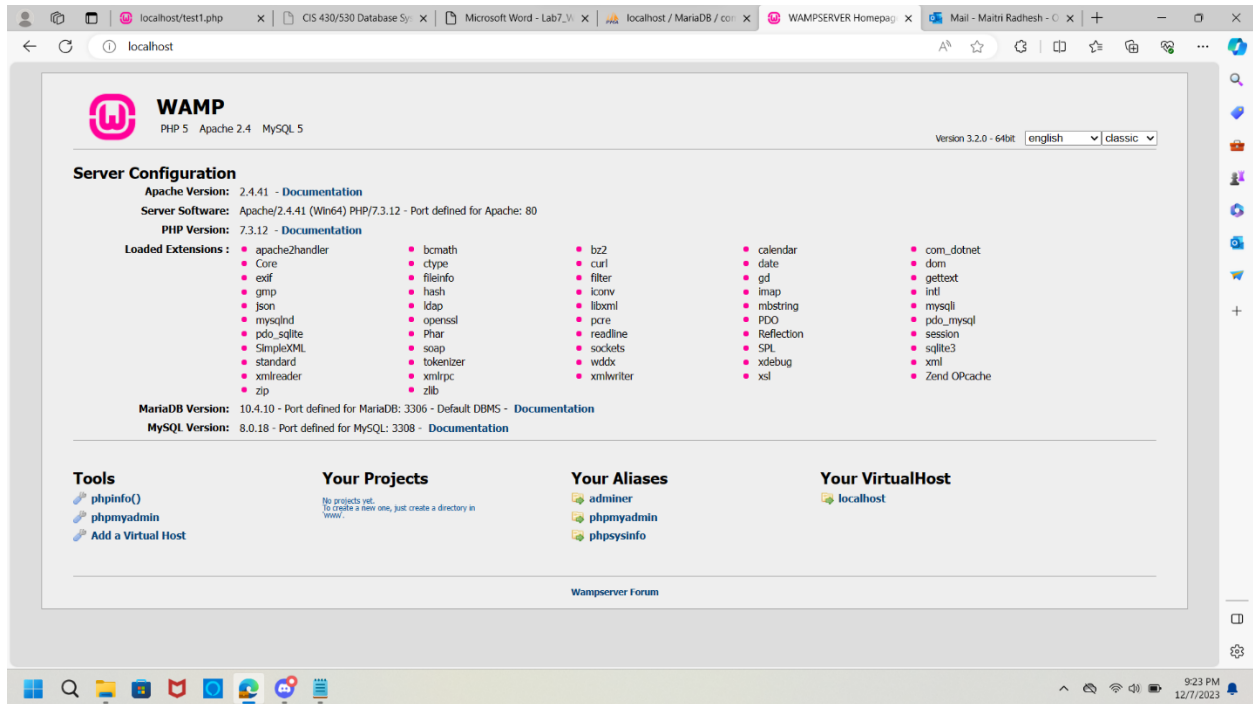
CIS430– Lab Assignment 7

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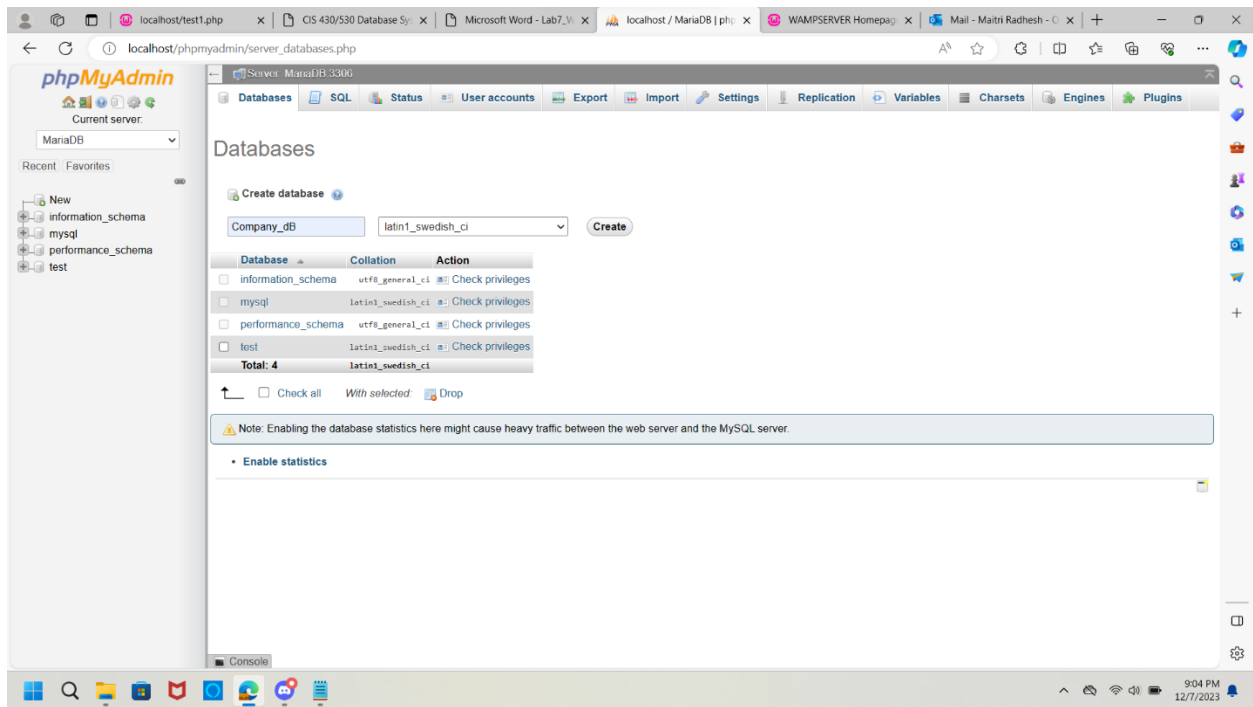
Object:

1st, I installed **wamp64**

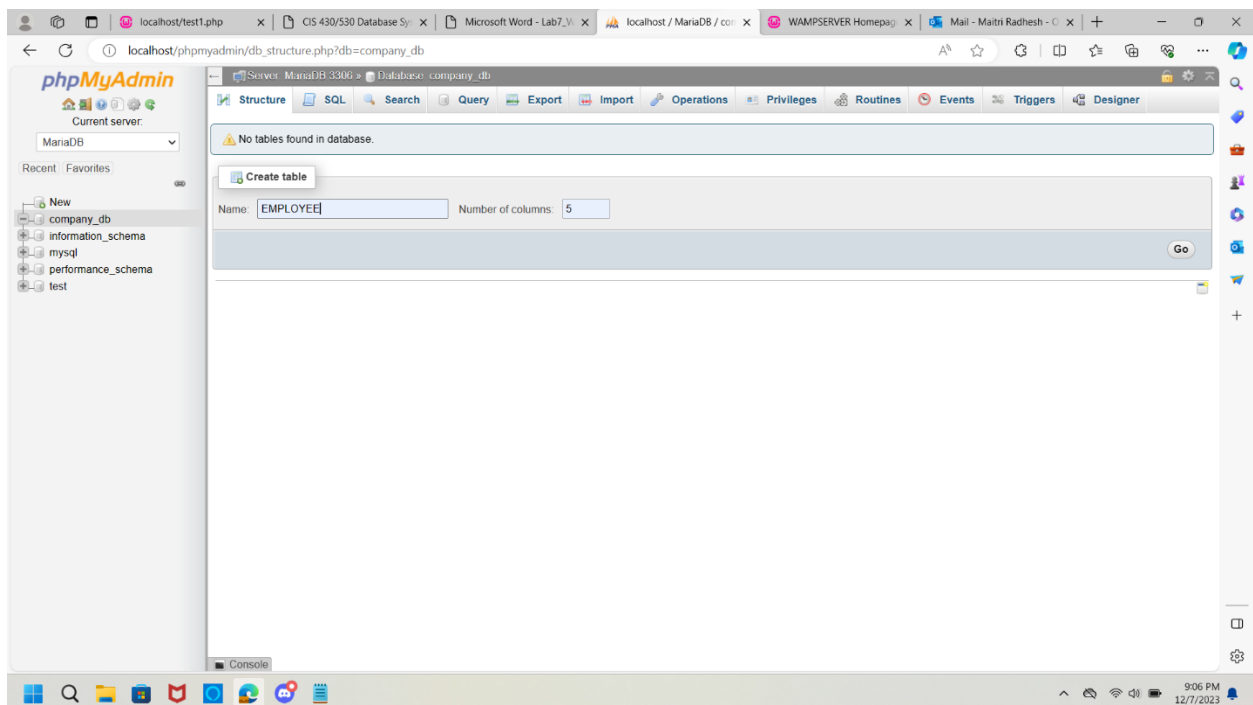


Then, I used the URL to go into **phpMyAdmin**

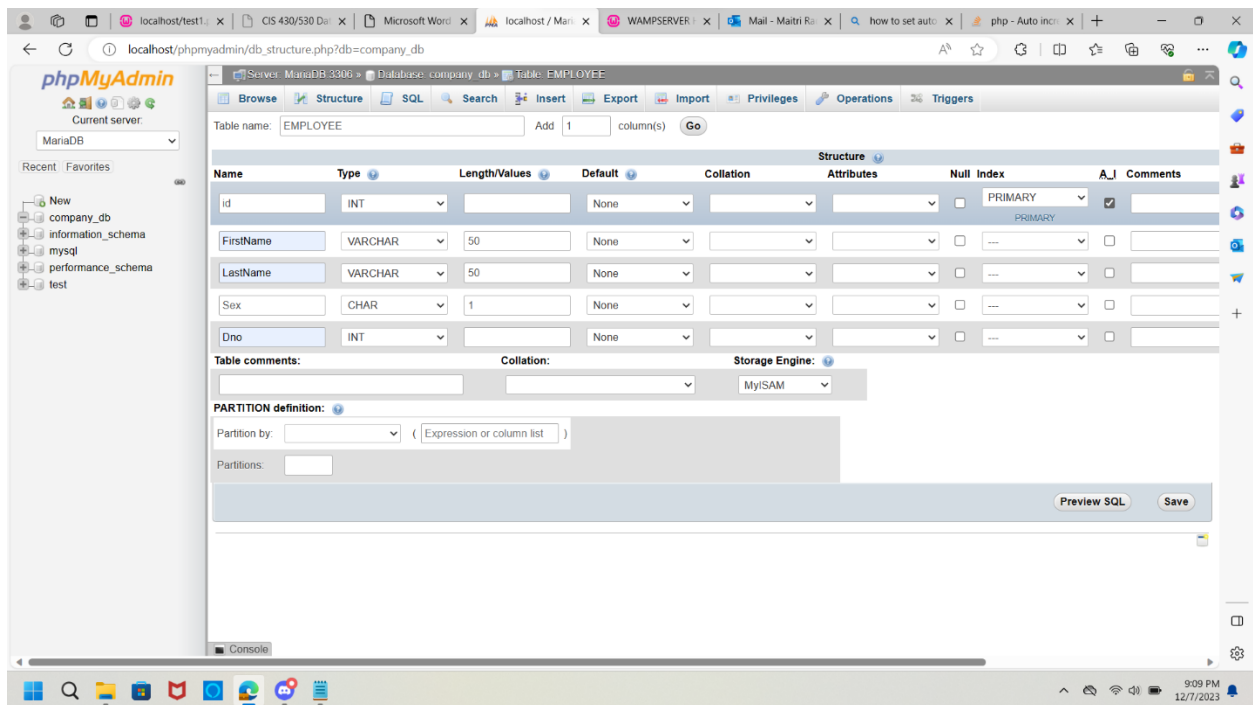
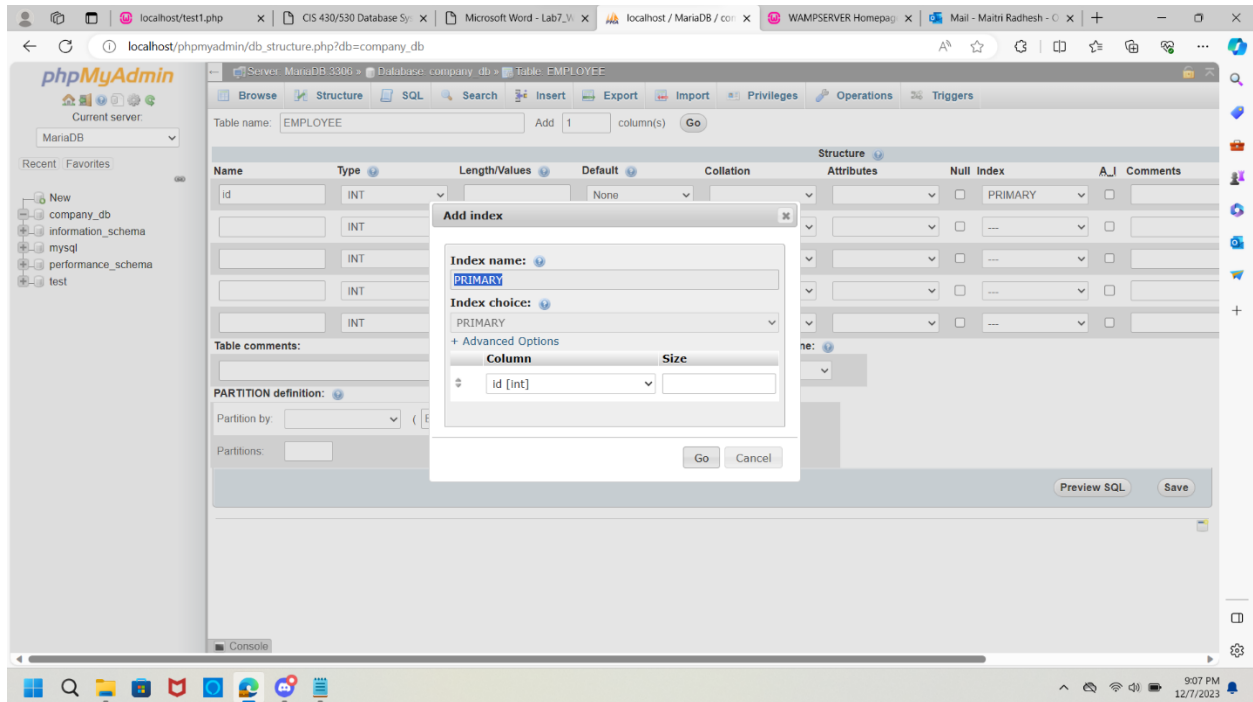
Here, I created the database **Company_db**.



Inside the database, I created a table **EMPLOYEE**.



Inside the table, I created 5 columns. I also addressed the **id** as the **PRIMARY KEY**. I also made it **AI** (auto increment). I did mention the datatypes of each.



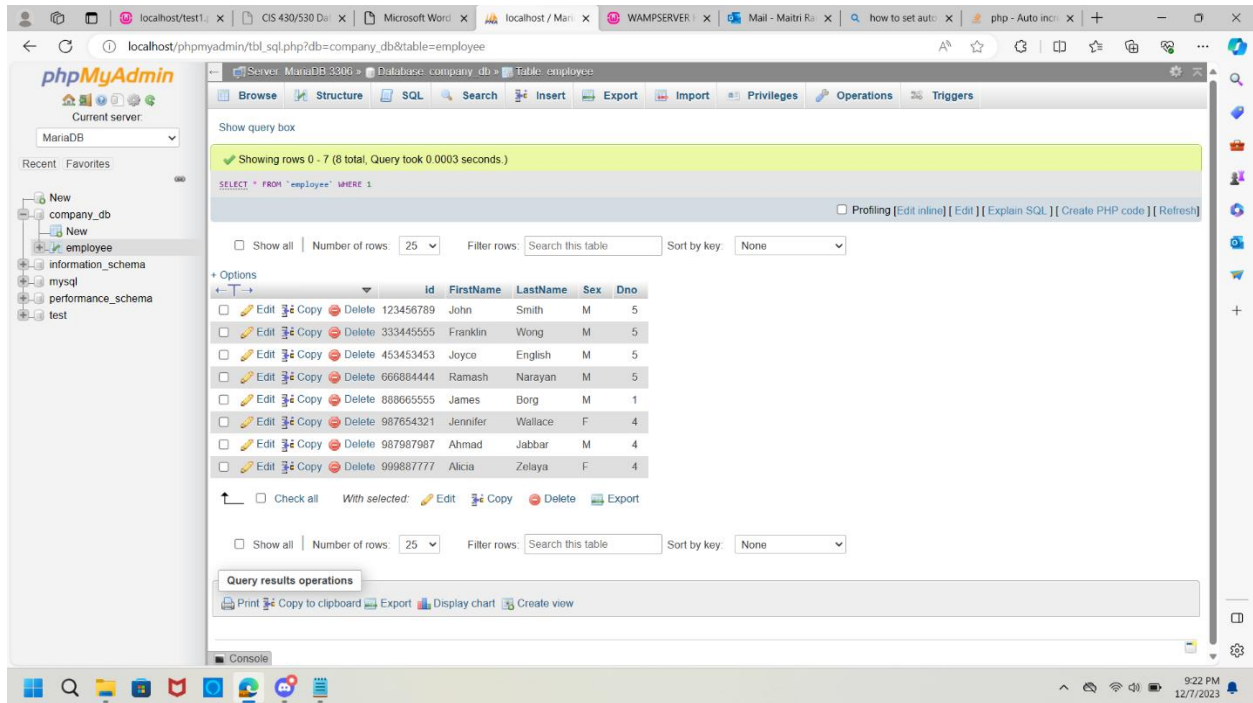
After the creation of the table;

The screenshot shows the phpMyAdmin interface for the 'company_db' database, specifically the 'employee' table structure. The table has five columns: 'id' (int(11), primary key, auto-increment), 'FirstName' (varchar(50)), 'LastName' (varchar(50)), 'Sex' (char(1)), and 'Dno' (int(11)). The 'Indexes' section shows a primary index on the 'id' column. The 'Partitions' section indicates no partitioning is defined. The 'Information' section shows space usage and row statistics.

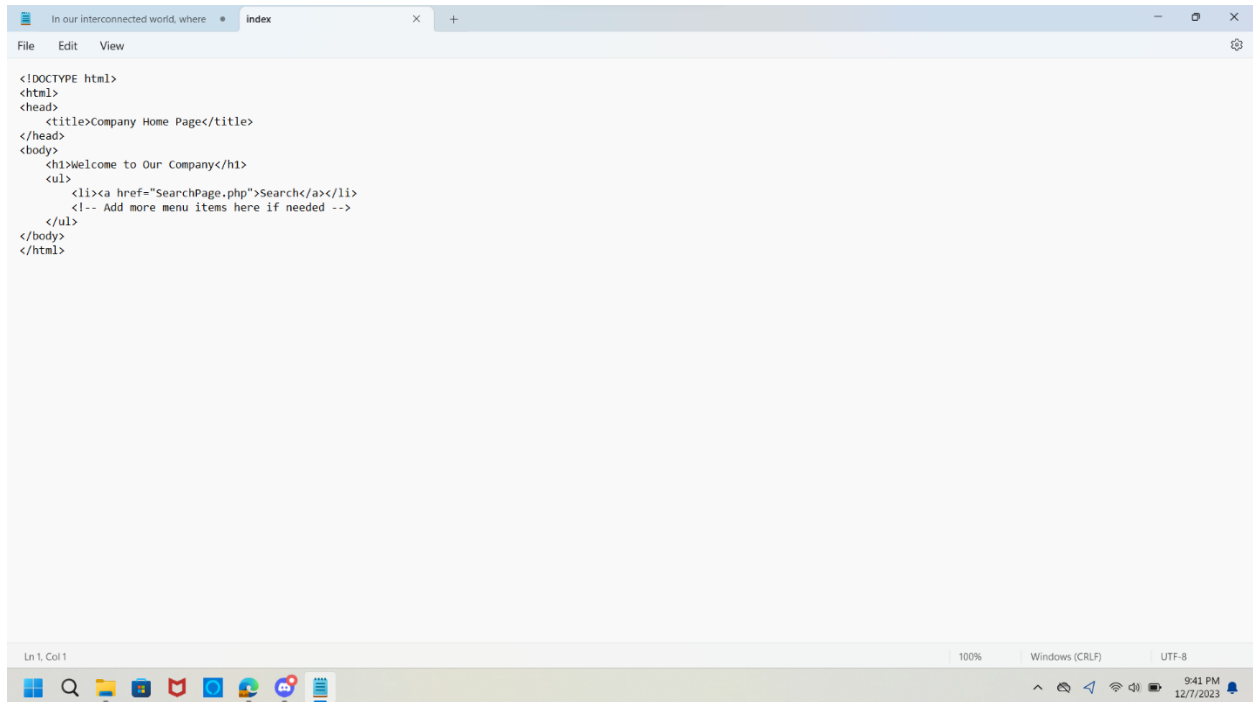
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	FirstName	varchar(50)	latin1_swedish_ci		Yes	NULL			Change Drop More
3	LastName	varchar(50)	latin1_swedish_ci		Yes	NULL			Change Drop More
4	Sex	char(1)	latin1_swedish_ci		No	None			Change Drop More
5	Dno	int(11)			No	None			Change Drop More

Then, inserted values into the table. I used the same values that I used in the previous labs.

The screenshot shows the phpMyAdmin interface after inserting two rows into the 'employee' table. A green message at the top states '2 rows inserted.' Below this, the SQL query used for the insertion is displayed: `INSERT INTO 'employee' ('id', 'FirstName', 'LastName', 'Sex', 'Dno') VALUES ('453453453', 'Joyce', 'English', 'M', '5'), ('666884444', 'Ramesh', 'Narayan', 'M', '5');`. The 'Run SQL query/queries on table company_db.employee:' section shows the query and a list of columns: 'id', 'FirstName', 'LastName', 'Sex', 'Dno'. The 'Console' section at the bottom shows the query execution details.



Then, I wrote the code, to **index.html** file. I used the notepad.



Next, I created the php files: **SearchPage.php** and **Search.php**.

Search.php:

```

<?php
$host = 'localhost'; // or your host name
$dbname = 'company_db'; // your database name
$username = 'root'; // your database username
$password = ''; // your database password

$conn = new mysqli($host, $username, $password, $dbname);

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

$lastName = $_POST['lastName'];

$sql = "SELECT FirstName, LastName, Sex, Dno FROM employee WHERE LastName = ?";
$stmt = $conn->prepare($sql);
$stmt->bind_param("s", $lastName);
$stmt->execute();
$result = $stmt->get_result();

if ($result->num_rows > 0) {
    echo "<table><tr><th>First Name</th><th>Last Name</th><th>Sex</th><th>Department Number</th></tr>";
    while($row = $result->fetch_assoc()) {
        echo "<tr><td>".$row["FirstName"]."</td><td>".$row["LastName"]."</td><td>".$row["Sex"]."</td><td>".$row["Dno"]."</td></tr>";
    }
    echo "</table>";
} else {
    echo "0 results";
}

$conn->close();
?>

```

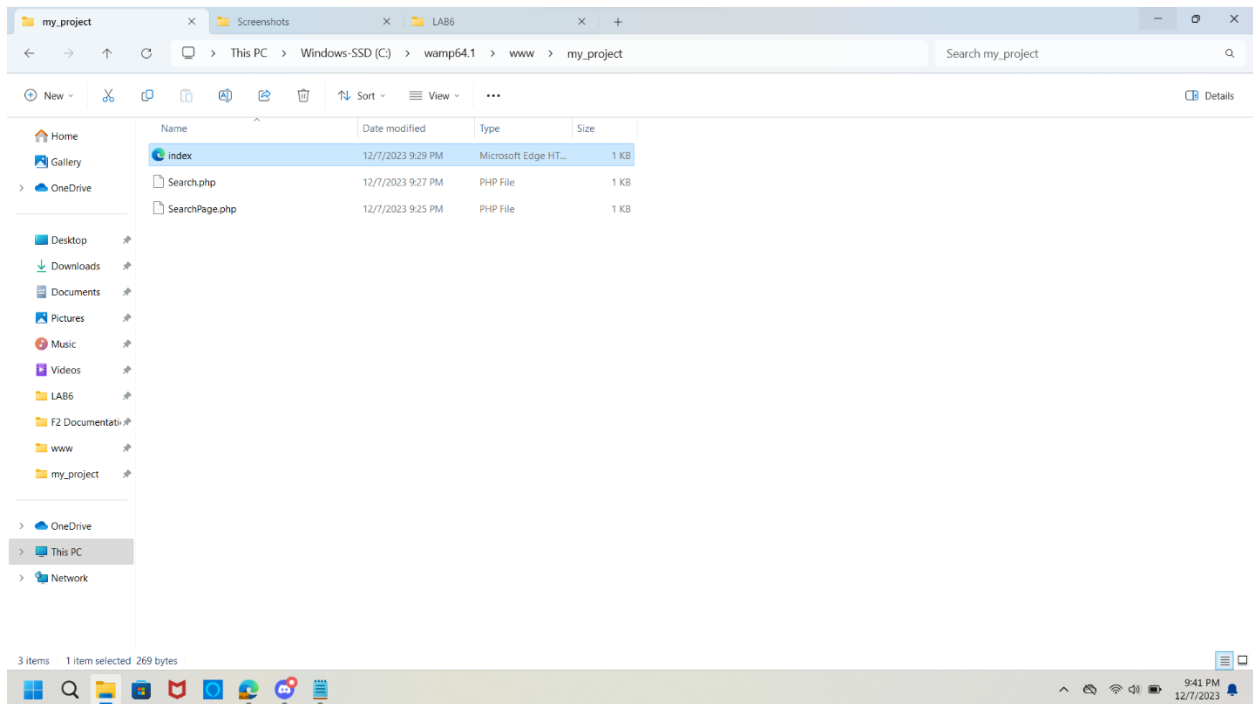
SearchPage.php:

```

<!DOCTYPE html>
<html>
<head>
<title>Search Employee</title>
</head>
<body>
<h2>Employee Search</h2>
<form action="Search.php" method="post">
<label for="lastName">Last Name:</label>
<input type="text" id="lastName" name="lastName">
<input type="submit" value="Search">
<input type="reset" value="Reset">
</form>
</body>
</html>

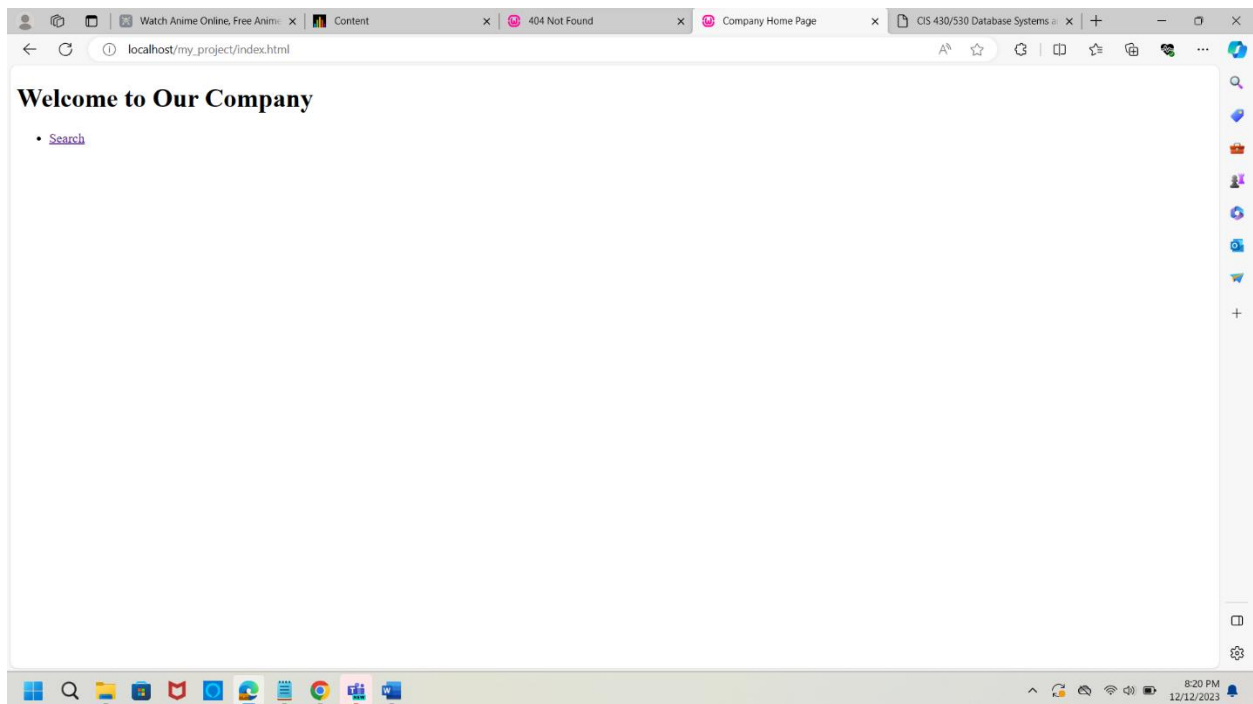
```

I have attached a screenshot so the 3 files on my computer.

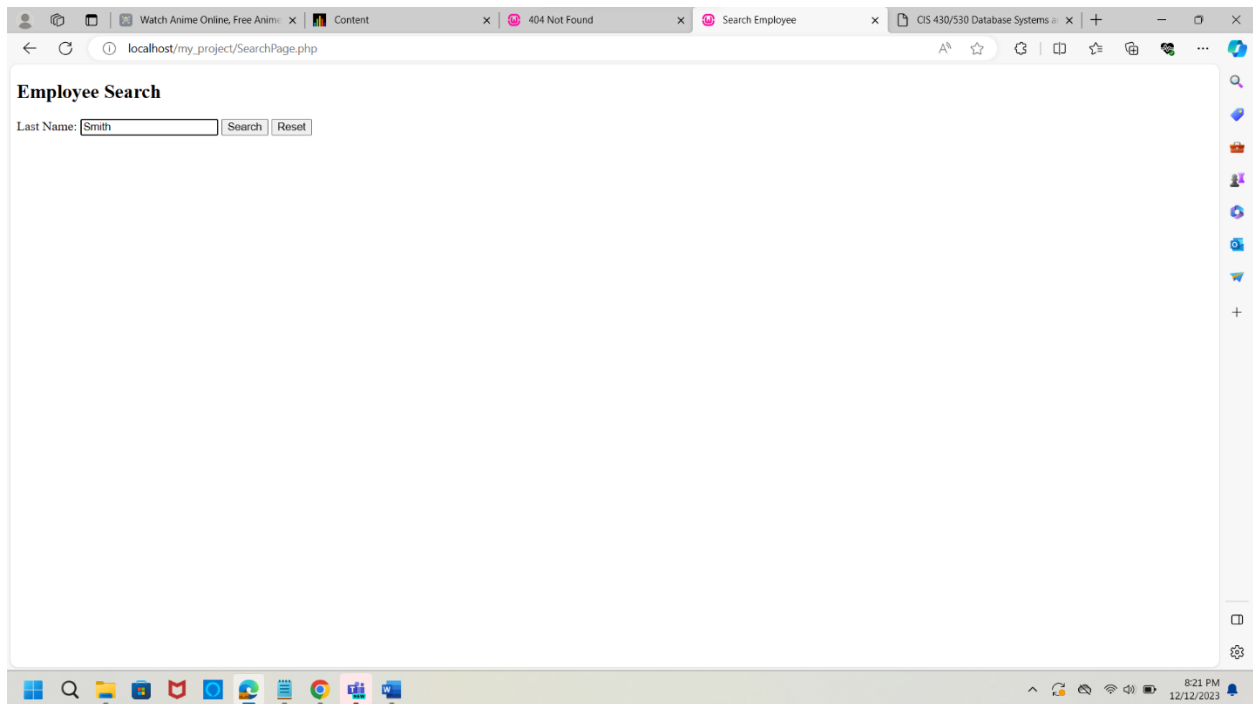


Output:

Screen of **index.html**:



Screen of SearchPage.php:



Screen of Search.php:

