

```

<!-- Login.html page -->
//=====//
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Student Login</title>
    <link rel="stylesheet" type="text/css" href="/assets/styles.css">
</head>
<body>
<div class="header">
    
    <h4>European University of Lefke</h4>
</div>

<div class="body">
    <div class="login-wrapper">
        
        <h3>Welcome to European University of Lefke</h3>
        <h4>Student Login</h4>
        <div class="login-form">
            <form id="loginForm" autocomplete="off">
                <div id="errMsg" style="color:red; margin-bottom:
10px;"></div>

                <div class="input-field">
                    <input type="text" name="uname" id="uname"
placeholder="Surname">
                </div>

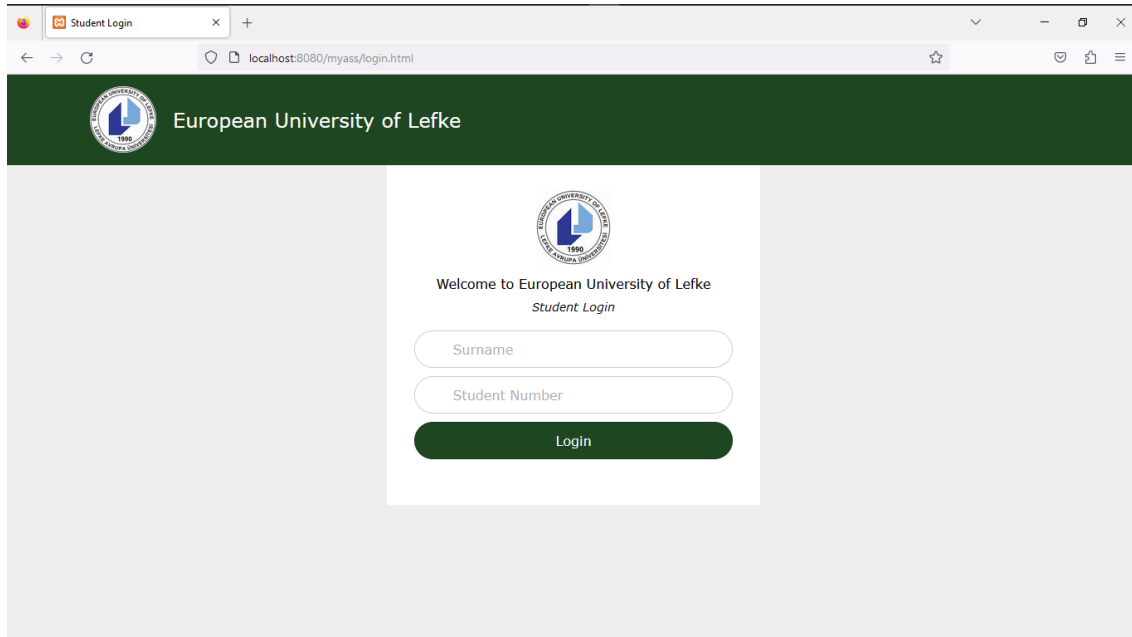
                <div class="input-field">
                    <input type="password" name="pword" id="pword"
placeholder="Student Number">
                </div>

                <div class="input-field">
                    <button type="submit" name="login_btn"
id="login_btn">Login</button>
                </div>
            </form>
        </div>
    </div>
</div>
<script src="/assets/login.js"></script>

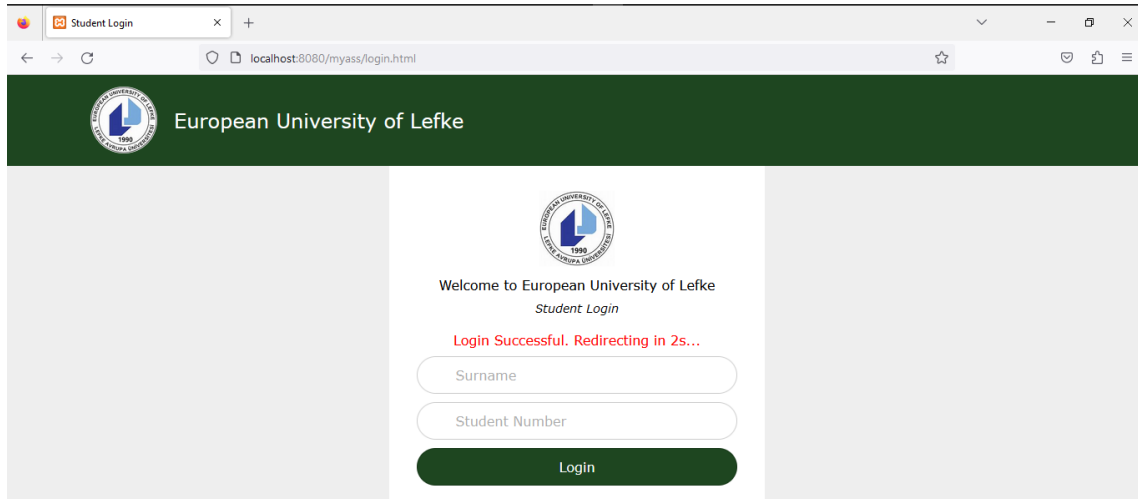
```

</body>  
</html>

## SEE SCREENSHOT OF THE LOGIN PAGE BELOW



## SCREENSHOT LOGIN SUCCESS DISPLAY BELOW



<!-- Register.php page -->

```
//=====//
```

```
<?php
session_start();
if (!isset($_SESSION['studno'])) {
    header('location:login.html');
}
else {
    $studno = $_SESSION['studno'];
}
if(isset($_GET['logout'])=='yes'){
    session_destroy();
    header("Location: ./login.html");
}
?>
```

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Register Courses</title>

    <link rel="stylesheet" type="text/css" href="./assets/styles.css">
</head>
<body>

<div class="header">
    
    <h4>European University of Lefke</h4>
    <div class="profile">
        
        <a href="?logout=yes">Logout</a>
    </div>
</div>
<div class="body-wrapper">
    <div class="left">
        <div class="left-body">
            <h4 class="prof"> Profile Dashboard</h4>
            <div class="student-details">
        </div>
        <table class="profile_tbl">
            <thead>
                <tr>
```

```

        <th> </th>
    </tr>
</thead>
<tbody>

    <?php

        $dbHost = "localhost";
        $dbUsername = "root";
        $dbPassword = "";
        $dbName = "eaps_db";

        $dsn = "mysql:host=".$dbHost.";dbname=".$dbName;
        $pdo = new PDO($dsn, $dbUsername, $dbPassword);
        $pdo->setAttribute(PDO::ATTR_ERRMODE,
        PDO::ERRMODE_EXCEPTION);
        $pdo->setAttribute(PDO::ATTR_DEFAULT_FETCH_MODE,
        PDO::FETCH_ASSOC);
        $sql = "SELECT * FROM students_tbl WHERE studno = :studno";

        $stmt=$pdo->prepare($sql);
        $stmt->execute(['studno'=>$studno]);
        if($stmt->rowCount()>0){
            $results = $stmt->fetch(PDO::FETCH_ASSOC);
            ?>
        <tr>
            <td><?php echo $results['lname'] .', '.$results['fname'] ?> </td>
        </tr>
        <tr>
            <td><?php echo $results['dept'] ?> </td>
        </tr>
        <tr>
            <td><?php echo $results['semester'] ?> </td>
        </tr>
        <tr>
            <td><?php echo 'CGPA: '.$results['cgpa'] ?> </td>
        </tr>
        <?php
            }
            else {
                ?>
        <tr>
            <td>LASTNAME, FIRSTNAME</td>

```

```

</tr>
<tr>
    <td>DEPARTMENT</td>
</tr>
<tr>
    <td>SEMESTER</td>
</tr>
<tr>
    <td>CGPA</td>
</tr>

```

```

<?php
    }
?>

```

```

    </tbody>
</table>

```

```

<div class="insert-form">
    <form id="regStudentForm" autocomplete="off">
        <h4 class="insert-form-title">Register Student
        Info</h4>

```

```

        <div class="input-field">
            <input type="text" name="lname" id="lname"
            placeholder="Last Name">
        </div>

```

```

        <div class="input-field">
            <input type="text" name="fname" id="fname"
            placeholder="First Name">
        </div>

```

```

        <div class="input-field">
            <input type="text" name="studno" id="studno"
            placeholder="Student No.">
        </div>

```

```

        <div class="input-field">
            <input type="text" name="dept" id="dept"
            placeholder="Department">
        </div>

```

```

        <div class="input-field">
            <input type="text" name="cgpa" id="cgpa"
                placeholder="CGPA">
        </div>

        <div class="input-field">
            <input type="text" name="semester"
                id="semester" placeholder="Semester">
        </div>

        <div class="input-field">
            <button type="submit" name="login_btn"
                id="login_btn">Submit</button>
        </div>

        <div id="error-msg"></div>
        <div id="succMsg"></div>
    </form>
</div>
</div>
</div>
<div class="right">

    <div class="header-title">
        <h5>Course Registration Form</h5>
    </div>

    <p class="warning-para">
        Please click on the "<b>Check Box</b>" beside each course to
        register the course or courses... <br>

        <b>NOTE:</b> You cannot register more than five courses for the
        semester.
    </p>
    <div id="errRegMess" style="text-align:center; color: red;"></div>
    <table style="font-size:14px; font-weight: 300; text-transform: uppercase;">
        <thead>
            <tr>
                <th style="font-weight:500; text-align:
                    center;">Register</th>
                <th style="font-weight:500; text-align: center;">Course
                    Code</th>
                <th style="font-weight:500; text-align: center;">Course
                    Title</th>

```

```

                <th style="font-weight:500; text-align: center;">Course
                Unit</th>
            </tr>
        </thead>
        <form id="registerCourseForm">
            <tbody id="coursesWrapper"> </tbody>

</table>
<br>
<hr style="border:1px solid rgba(0, 0, 0, 0.2);">
<div style="text-align: right; margin-top: 10px;">
    <button style="width: 25%; margin-right: 15%;"
        type="submit">Register Courses</button>
</div>
</form>

<div class="header-title">
    <h5>Registered Courses</h5>
</div>

<p class="warning-para">
    View all registered courses
</p>

<table style="font-size:14px; font-weight: 300; text-transform: uppercase;">
    <thead>
        <tr>
            <th style="font-weight:500; text-align:
            center;">S/N</th>
            <th style="font-weight:500; text-align: center;">Course
            Title</th>
        </tr>
    </thead>
    <form id="deleteCourses">
        <tbody id="innerWrapper"> </tbody>

</table>
<br>
<hr style="border:1px solid rgba(0, 0, 0, 0.2);">
<div style="text-align: right; margin-top: 10px;">
    <button style="width: 25%; margin-right: 15%;"
        type="submit">Delete Course(s)</button>
</div>

```

```
</form>
```

```
<script type="text/javascript">
    var deleteCourses = document.getElementById('deleteCourses');
    deleteCourses.addEventListener('submit', function(event){
        event.preventDefault();
        deleteCourses();
    });
```

```
</script>
```

```
<div class="header-title">
    <h5>Make Comment(s)</h5>
</div>
```

```
<p class="warning-para">
    To make comment(s), type in your comment in the textarea provided
    below and click on the send button.
</p>
```

```
<form id="sendComment">
    <textarea id="comment" class="tarea" rows="7" placeholder="Type
    your comment here..."> </textarea>

    <div style="text-align: right; margin-top: 10px;">
        <button style="width: 15%; margin-right: 5%;"
        type="submit">Send </button>
    </div>
</form>
<br><br><br>
```

```
</div>
```

```
</div>
```

```
<script src="./assets/main.js"> </script>
<script src="./assets/register.js"> </script>
<script src="./assets/sendComment.js"> </script>
<script type="text/javascript">
    loadCourses();
```

```
function loadCourses(){
    var coursesWrapper = document.getElementById("coursesWrapper");
    var req;
```



```

        if (window.XMLHttpRequest) {
            req = new XMLHttpRequest();
        }
        else if (window.ActiveXObject) {
            req = new ActiveXObject("Microsoft.XMLHTTP");
        }

req.open("GET","http://localhost:8080/myass/ajx.php?action=getCourses",true);
req.send();

req.onreadystatechange=function(){
    if(req.readyState == 4 && req.status == 200){
        coursesWrapper.innerHTML = req.responseText
    }
};
}

function deleteCourses(){
    var innerWrapper = document.getElementById("innerWrapper");
    var coursesWrapper = document.getElementById("coursesWrapper");
    var req;
    if (window.XMLHttpRequest) {
        req = new XMLHttpRequest();
    }
    else if (window.ActiveXObject) {
        req = new ActiveXObject("Microsoft.XMLHTTP");
    }

req.open("GET","http://localhost:8080/myass/ajx.php?action=deleteCourses",true);
req.send();

req.onreadystatechange=function(){
    if(req.readyState == 4 && req.status == 200){
        coursesWrapper.innerHTML = req.responseText
        innerWrapper.innerHTML = ""
    }
};
}

```

</script>


</body>

</html>

**SEE SCREENSHOTS BELOW**


Register Courses

localhost:8080/myass/register

European University of Lefke

LOGOUT

PROFILE DASHBOARD



BELLO, HAFIZ  
Software Engineering  
3rd  
CGPA: 2.34

Register Student Info

Last Name

First Name

Student No.

Department

COURSE REGISTRATION FORM


Please click on the "Check Box" beside each course to register the course or courses...  
**NOTE:** You cannot register more than five courses for the semester.

REGISTER	COURSE CODE	COURSE TITLE	COURSE UNIT
<input type="checkbox"/>	JV101	JAVA	1
<input type="checkbox"/>	PHP101	PHP	1
<input type="checkbox"/>	C101	C	1
<input type="checkbox"/>	CP101	CPLUS	1
<input type="checkbox"/>	JS101	JAVASCRIPT	1
<input type="checkbox"/>	CS101	CSHARP	1
<input type="checkbox"/>	TP101	TYPESCRIPT	1
<input type="checkbox"/>	FS101	FSHARP	1
<input type="checkbox"/>	PY101	PYTHON	1
<input type="checkbox"/>	SQL101	SQL	1

Register Courses

Register Courses

localhost:8080/myass/register

European University of Lefke

LOGOUT

CGPA: 2.34

Register Student Info

Last Name

First Name

Student No.

Department

CGPA

Semester


Submit

COURSE REGISTRATION FORM


Please click on the "Check Box" beside each course to register the course or courses...  
**NOTE:** You cannot register more than five courses for the semester.

REGISTER	COURSE CODE	COURSE TITLE	COURSE UNIT
<input type="checkbox"/>	JV101	JAVA	1
<input type="checkbox"/>	PHP101	PHP	1
<input type="checkbox"/>	C101	C	1
<input type="checkbox"/>	CP101	CPLUS	1
<input type="checkbox"/>	JS101	JAVASCRIPT	1
<input type="checkbox"/>	CS101	CSHARP	1
<input type="checkbox"/>	TP101	TYPESCRIPT	1
<input type="checkbox"/>	FS101	FSHARP	1
<input type="checkbox"/>	PY101	PYTHON	1
<input type="checkbox"/>	SQL101	SQL	1

Register Courses



European University of Lefke



LOGOUT

CGPA: 2.34

Register Courses

Register Student Info

Last Name

First Name

Student No.

Department

CGPA

Semester

Submit

REGISTERED COURSES


View all registered courses

S/N	COURSE TITLE
Delete Course(s)	


MAKE COMMENT(S)

To make comment(s), type in your comment in the textarea provided below and click on the send button.

Type your comment here...




European University of Lefke



LOGOUT

PROFILE DASHBOARD



BELLO, HAFIZ

Software Engineering

3rd

CGPA: 2.34

Register Student Info

Last Name

First Name

Student No.

Department

View all registered courses

S/N	COURSE TITLE
Delete Course(s)	


MAKE COMMENT(S)

To make comment(s), type in your comment in the textarea provided below and click on the send button.


Type your comment here...

Send

**SCREENSHOTS OF WHEN COURSES ARE REGISTERED ARE FOUND BELOW**




European University of Lefke



LOGOUT

PROFILE DASHBOARD



BELLO, HAFIZ

Software Engineering

3rd

CGPA: 2.34

Register Student Info

Last Name

First Name

Student No.

Department

COURSE REGISTRATION FORM


Please click on the **"Check Box"** beside each course to register the course or courses...  
**NOTE:** You cannot register more than five courses for the semester.

REGISTER	COURSE CODE	COURSE TITLE	COURSE UNIT
<input type="checkbox"/>	JV101	JAVA	1
<input type="checkbox"/>	PHP101	PHP	1
<input type="checkbox"/>	C101	C	1
<input type="checkbox"/>	CP101	CPLUS	1
<input type="checkbox"/>	PY101	PYTHON	1
<input type="checkbox"/>	SQL101	SQL	1


Register Courses

REGISTERED COURSES

View all registered courses




European University of Lefke



LOGOUT

PROFILE DASHBOARD



BELLO, HAFIZ

Software Engineering

3rd

CGPA: 2.34

Register Student Info

Last Name

First Name

Student No.

Department

REGISTERED COURSES

View all registered courses

S/N	COURSE TITLE
1	JAVASCRIPT
2	CSHARP
3	TYPESCRIPT
4	FSHARP

Delete Course(s)

MAKE COMMENT(S)

To make comment(s), type in your comment in the textarea provided below and click on the send button.

```
<!-- action.php file -->
```

```
//=====//
```

```
<?php
```

```
if (isset($_GET['surname']) AND isset($_GET['studno'])) {
    $sanitizer = filter_var_array($_GET, FILTER_SANITIZE_STRING);
    $surname = $sanitizer['surname'];
```

```

$studno = $sanitizer['studno'];

$xml = simplexml_load_file("assets/student.xml");
if (file_exists('assets/student.xml')) {
    $xml = new SimpleXMLElement('assets/student.xml', 0, true);
    if ($surname==$xml->Student->Surname && $studno == $xml->Student-
>StudentNo) {
        echo 'Login Successful. Redirecting in 2s...';
        session_start();
        $_SESSION['studno'] = $studno;
    }
    else {
        echo 'Invalid login credentials.';
    }
}
}

?>

```

```

<!-- ajax.php file -->
//=====//

<?php

if (isset($_GET['Java']) || isset($_GET['PHP']) || isset($_GET['C']) || isset($_GET['CPlus']) ||
isset($_GET['JavaScript']) || isset($_GET['CSharp']) || isset($_GET['TypeScript']) ||
isset($_GET['FSharp']) || isset($_GET['Python']) || isset($_GET['SQL'])) {
    $i = 1;

    $Java = $_GET['Java'];
    $PHP = $_GET['PHP'];
    $C = $_GET['C'];
    $CPlus = $_GET['CPlus'];
    $JavaScript = $_GET['JavaScript'];
    $CSharp = $_GET['CSharp'];
    $TypeScript = $_GET['TypeScript'];
    $FSharp = $_GET['FSharp'];
    $Python = $_GET['Python'];
    $SQL = $_GET['SQL'];

    if ($Java == "Java") {
        echo '
            <tr>

```

```

        <td style="text-align:center">'. $i++.'</td>
        <td style="text-align:center">'. $Java .'</td>
    </tr>

    ';
}
elseif ($Java == "null") {

}

if ($PHP == "PHP") {
    echo '
        <tr>
            <td style="text-align:center">'. $i++.'</td>
            <td style="text-align:center">'. $PHP .'</td>
        </tr>

        ';
}
elseif ($PHP == "null") {

}

if ($C == "C") {
    echo '
        <tr>
            <td style="text-align:center">'. $i++.'</td>
            <td style="text-align:center">'. $C.'</td>
        </tr>

        ';
}
elseif ($C == "null") {

}

if ($CPlus == "CPlus") {
    echo '
        <tr>
            <td style="text-align:center">'. $i++.'</td>

```

```

        <td style="text-align:center">'.$CPlus.'</td>
    </tr>

    ';
}
elseif ($CPlus == "null") {

}

if ($JavaScript == "JavaScript") {
    echo '
        <tr>
            <td style="text-align:center">'.$i++.'</td>
            <td style="text-align:center">'.$JavaScript.'</td>
        </tr>

        ';
}
elseif ($JavaScript == "null") {

}

if ($CSharp == "CSharp") {
    echo '
        <tr>
            <td style="text-align:center">'.$i++.'</td>
            <td style="text-align:center">'.$CSharp.'</td>
        </tr>

        ';
}
elseif ($CSharp == "null") {

}

if ($TypeScript == "TypeScript") {
    echo '
        <tr>

```

```

        <td style="text-align:center">'.${i}++.'</td>
        <td style="text-align:center">'.${TypeScript}.'</td>
    </tr>

    ';
}
elseif (${TypeScript} == "null") {

}

```

```

if (${FSharp} == "FSharp") {
    echo '
        <tr>
            <td style="text-align:center">'.${i}++.'</td>
            <td style="text-align:center">'.${FSharp}.'</td>
        </tr>

        ';
}
elseif (${FSharp} == "null") {

}

```

```

if (${Python} == "Python") {
    echo '
        <tr>
            <td style="text-align:center">'.${i}++.'</td>
            <td style="text-align:center">'.${Python}.'</td>
        </tr>

        ';
}
elseif (${Python} == "null") {

}

```

```

if (${SQL} == "SQL") {
    echo '

```



```

        <tr>
            <td style="text-align:center">'. $i ++.'</td>
            <td style="text-align:center">'. $SQL.'</td>
        </tr>

        ';
    }
    elseif ($SQL == "null") {

    }

}

```

```

if (isset($_GET['action']) && $_GET['action'] == "getCourses") {

```

```

    $output = "";

```

```

    $output .= '

```

```

        <tr id="1">

```

```

            <td><input type="checkbox" name="courses[]" value="Java" id="Java"> </td>

```

```

            <td>JV101</td>

```

```

            <td>Java</td>

```

```

            <td>1</td>

```

```

        </tr>

```

```

        <tr id="2">

```

```

            <td><input type="checkbox" name="courses[]" value="PHP" id="PHP"> </td>

```

```

            <td>PHP101</td>

```

```

            <td>PHP</td>

```

```

            <td>1</td>

```

```

        </tr>

```

```

        <tr id="3">

```

```

            <td><input type="checkbox" name="courses[]" value="C" id="C"> </td>

```

```

            <td>C101</td>

```

```

            <td>C</td>

```

```

            <td>1</td>

```

```

        </tr>

```

```

        <tr id="4">

```

```

            <td><input type="checkbox" name="courses[]" value="CPlus" id="CPlus"> </td>

```

```

            <td>CP101</td>

```

```

            <td>CPlus</td>

```

```

            <td>1</td>

```

```

</tr>

<tr id="5">
  <td><input type="checkbox" name="courses[]" value="JavaScript"
id="JavaScript"> </td>
  <td>JS101 </td>
  <td>JavaScript</td>
  <td>1</td>
</tr>

<tr id="6">
  <td><input type="checkbox" name="courses[]" value="CSharp" id="CSharp"> </td>
  <td>CS101</td>
  <td>CSharp</td>
  <td>1</td>
</tr>

<tr id="7">
  <td><input type="checkbox" name="courses[]" value="TypeScript"
id="TypeScript"> </td>
  <td>TP101</td>
  <td>TypeScript</td>
  <td>1</td>
</tr>

<tr id="8">
  <td><input type="checkbox" name="courses[]" value="FSharp" id="FSharp"> </td>
  <td>FS101</td>
  <td>FSharp</td>
  <td>1</td>
</tr>

<tr id="9">
  <td><input type="checkbox" name="courses[]" value="Python" id="Python"> </td>
  <td>PY101</td>
  <td>Python</td>
  <td>1</td>
</tr>

<tr id="10">
  <td><input type="checkbox" name="courses[]" value="SQL" id="SQL"> </td>
  <td>SQL101</td>
  <td>SQL</td>
  <td>1</td>

```

```

        </tr>
    ';

    echo $output;
}

if (isset($_GET['action']) && $_GET['action'] == "deleteCourses") {
    $output = '';
    $output .= '

    <tr id="1">
        <td><input type="checkbox" name="courses[]" value="Java" id="Java"> </td>
        <td>JV101</td>
        <td>Java</td>
        <td>1</td>
    </tr>

    <tr id="2">
        <td><input type="checkbox" name="courses[]" value="PHP" id="PHP"> </td>
        <td>PHP101</td>
        <td>PHP</td>
        <td>1</td>
    </tr>

    <tr id="3">
        <td><input type="checkbox" name="courses[]" value="C" id="C"> </td>
        <td>C101</td>
        <td>C</td>
        <td>1</td>
    </tr>

    <tr id="4">
        <td><input type="checkbox" name="courses[]" value="CPlus" id="CPlus"> </td>
        <td>CP101</td>
        <td>CPlus</td>
        <td>1</td>
    </tr>

    <tr id="5">
        <td><input type="checkbox" name="courses[]" value="JavaScript"
id="JavaScript"> </td>
        <td>JS101</td>

```

```

        <td>JavaScript</td>
        <td>1</td>
    </tr>

    <tr id="6">
        <td><input type="checkbox" name="courses[]" value="CSharp" id="CSharp"> </td>
        <td>CS101</td>
        <td>CSharp</td>
        <td>1</td>
    </tr>

    <tr id="7">
        <td><input type="checkbox" name="courses[]" value="TypeScript"
id="TypeScript"> </td>
        <td>TP101</td>
        <td>TypeScript</td>
        <td>1</td>
    </tr>

    <tr id="8">
        <td><input type="checkbox" name="courses[]" value="FSharp" id="FSharp"> </td>
        <td>FS101</td>
        <td>FSharp</td>
        <td>1</td>
    </tr>

    <tr id="9">
        <td><input type="checkbox" name="courses[]" value="Python" id="Python"> </td>
        <td>PY101</td>
        <td>Python</td>
        <td>1</td>
    </tr>

    <tr id="10">
        <td><input type="checkbox" name="courses[]" value="SQL" id="SQL"> </td>
        <td>SQL101</td>
        <td>SQL</td>
        <td>1</td>
    </tr>
';
echo $output;
}

?>

```

```

<!-- db.php file -->
//=====//

<?php

require(__DIR__ . '/dbController.php');

$db = new myAjaxAssignment();

if (isset($_GET['lname']) OR $_GET['fname'] OR $_GET['studno'] OR $_GET['dept'] OR
$_GET['cgpa'] OR $_GET['semester']) {
    $sanitizer = filter_var_array($_GET, FILTER_SANITIZE_STRING);
    $lname = $sanitizer['lname'];
    $fname = $sanitizer['fname'];
    $studno = $sanitizer['studno'];
    $dept = $sanitizer['dept'];
    $cgpa = $sanitizer['cgpa'];
    $semester = $sanitizer['semester'];

    $db->registerDetails($lname,$fname,$studno,$dept,$cgpa,$semester);
}

if (isset($_GET['comment'])) {
    $sanitizer = filter_var_array($_GET, FILTER_SANITIZE_STRING);
    $comment = $sanitizer['comment'];
    $db->sendComment($comment);
}

?>

<!-- db.sql file -->
//=====//

CREATE DATABASE `assignment`;
CREATE TABLE `assignment`.`students_tbl` (`id` INT(11) NOT NULL AUTO_INCREMENT ,
`lname` VARCHAR(50) NOT NULL , `fname` VARCHAR(50) NOT NULL , `studno` VARCHAR(50)
NOT NULL , `dept` VARCHAR(100) NOT NULL , `cgpa` VARCHAR(5) NOT NULL , `semester`
VARCHAR(50) NOT NULL , `date_created` DATETIME NOT NULL DEFAULT
CURRENT_TIMESTAMP , PRIMARY KEY (`id`)) ENGINE = InnoDB;

```

```

<!-- dbController.php file -->
//=====//

<?php
session_start();
require 'Exception.php';
require 'PHPMailer.php';
require 'SMTP.php';

use PHPMailer\PHPMailer\PHPMailer;
use PHPMailer\PHPMailer\SMTP;
use PHPMailer\PHPMailer\Exception;

class myAjaxAssignment{

    private $dsn = "mysql:host=localhost;dbname=eaps_db";
    private $user = "root";
    private $pass = "";
    public $pdo;

    public function __construct()
    {
        try {
            $this->pdo = new PDO($this->dsn,$this->user,$this->pass);
        } catch (PDOException $e) {
            echo $e->getMessage();
        }
    }

    // process the registration

    public function registerDetails($lname,$fname,$studno,$dept,$cgpa,$semester){
        $sql = "INSERT INTO students_tbl(lname,fname,studno,dept,cgpa,semester)
                VALUES(:lname,:fname,:studno,:dept,:cgpa,:semester)";
        $stmt = $this->pdo->prepare($sql);
        if ($stmt->
>execute(['lname'=>$lname,'fname'=>$fname,'studno'=>$studno,'dept'=>$dept,'cgpa'=>$
cgpa,'semester'=>$semester])){
            echo "Details uploaded successfully";
        }
        else {

```

```

        echo "An error occured. Try again";
    }
}

// send comment(s) to email address
public function sendComment($comment){
    $mail = new PHPMailer();
    $mail->isSMTP();
    $mail->Host      = ' '; //your email address
    $mail->SMTPAuth   = true;
    $mail->Username   = ' '; //your email address
    $mail->Password   = ' '; //your password
    $mail->SMTPSecure = PHPMailer::ENCRYPTION_SMTPS;
    $mail->Port       = "465";

    $mail->setFrom(' '); //your email address
    // Set Recepient
    $mail->addAddress($email); //your email address
    $message = $comment;
    $mail->isHTML(true);
    $mail->Subject = 'Email Verification';
    $mail->Body    = $message;

    if ($mail->send()) {
        echo "Comment sent successfully";
    }
    else {
        echo "An error occured. Try again";
    }
}
}

```

?>

```

<!-- login.js file -->
//===== //

```

```

var loginForm = document.getElementById('loginForm');
loginForm.addEventListener('submit', function(event){

```

```

event.preventDefault();
var uname = document.getElementById('uname').value
var pword = document.getElementById('pword').value
var errMsg = document.getElementById('errMsg');

if (uname.length == "") {
    errMsg.innerHTML = "Username is required";
    return false;
}
else if (pword.length == "") {
    errMsg.innerHTML = "Password is required";
    return false;
}

else {
    errMsg.innerHTML = "";
    var xhr;
    if (window.XMLHttpRequest) {
        xhr = new XMLHttpRequest();
    }
    else if (window.ActiveXObject) {
        xhr = new ActiveXObject("Microsoft.XMLHTTP");
    }

    xhr.open("GET", "http://localhost:80/myass/action.php?surname="+uname+"&studno="+pword, true);
    xhr.send();

    xhr.onreadystatechange=function(){
        if(xhr.readyState == 4 && xhr.status == 200){
            if(xhr.responseText == "Login Successful. Redirecting in 2s..."){
                errMsg.innerHTML = xhr.responseText;
                loginForm.reset();
                setTimeout(function(){
                    window.location.href = "register";
                }, 2000);
            }
            if(xhr.responseText == "Invalid login credentials."){
                errMsg.innerHTML = xhr.responseText;
            }
        }
    };
}
});

```



```

<!-- main.js file -->
//=====//

var regStudentForm = document.getElementById('regStudentForm');
regStudentForm.addEventListener('submit', function(event){
    event.preventDefault();
    var lname = document.getElementById('lname').value
    var fname = document.getElementById('fname').value
    var studno = document.getElementById('studno').value
    var dept = document.getElementById('dept').value
    var cgpa = document.getElementById('cgpa').value
    var semester = document.getElementById('semester').value

    var errorMsg = document.getElementById('error-msg')
    var succMsg = document.getElementById('succMsg')

    if (lname == "" || fname == "" || studno == "" || dept == "" || cgpa == "" || semester
== "") {
        errorMsg.innerHTML = "All fields are required";
        return false;
    }
    else {

        errorMsg.innerHTML = "";
        var xhr;
        if (window.XMLHttpRequest) {
            xhr = new XMLHttpRequest();
        }
        else if (window.ActiveXObject) {
            xhr = new ActiveXObject("Microsoft.XMLHTTP");
        }

        xhr.open("GET", "http://localhost:80/myass/db.php?lname="+lname+"&fname="+fna
me+"&studno="+studno+"&dept="+dept+"&cgpa="+cgpa+"&semester="+semester,true);
        xhr.send();

        xhr.onreadystatechange=function(){
            if(xhr.readyState == 4 && xhr.status == 200){
                if(xhr.responseText == "Details uploaded successfully"){
                    regStudentForm.reset();
                    succMsg.innerHTML = xhr.responseText;
                }
            }
        }
    }
}

```

```

        setTimeout(function(){
            succMsg.innerHTML = "";
        }, 2000);
    }
    if(xhr.responseText === "An error occurred. Try again"){
        succMsg.innerHTML = xhr.responseText;
    }
}

});

```

```

<!-- register.js file -->
//=====//

```

```

var registerCourseForm = document.getElementById('registerCourseForm');
registerCourseForm.addEventListener('submit', function(event){
    event.preventDefault();
    var Java = document.getElementById('Java');
    var PHP = document.getElementById('PHP');
    var C = document.getElementById('C');
    var CPlus = document.getElementById('CPlus');
    var JavaScript = document.getElementById('JavaScript');
    var CSharp = document.getElementById('CSharp');
    var TypeScript = document.getElementById('TypeScript');
    var FSharp = document.getElementById('FSharp');
    var Python = document.getElementById('Python');
    var SQL = document.getElementById('SQL');

    if (Java.checked) {
        Java = document.getElementById('Java').value = "Java";
        document.getElementById("1").remove()
    }
    else {
        Java = document.getElementById('Java').value = "null";
    }
}

```

```
if (PHP.checked) {
    PHP = document.getElementById('PHP').value = "PHP";
    document.getElementById("2").remove()
}
else {
    PHP = document.getElementById('PHP').value = "null";
}
```

```
if (C.checked) {
    C = document.getElementById('C').value = "C";
    document.getElementById("3").remove()
}
else {
    C = document.getElementById('C').value = "null";
}
```

```
if (CPlus.checked) {
    CPlus = document.getElementById('CPlus').value = "CPlus";
    document.getElementById("4").remove()
}
else {
    CPlus = document.getElementById('CPlus').value = "null";
}
```

```
if (JavaScript.checked) {
    JavaScript = document.getElementById('JavaScript').value = "JavaScript";
    document.getElementById("5").remove()
}
else {
    JavaScript = document.getElementById('JavaScript').value = "null";
}
```

```
if (CSharp.checked) {
    CSharp = document.getElementById('CSharp').value = "CSharp";
    document.getElementById("6").remove()
}
```

```
}  
else {  
    CSharp = document.getElementById('CSharp').value = "null";  
}
```

```
if (TypeScript.checked) {  
    TypeScript = document.getElementById('TypeScript').value = "TypeScript";  
    document.getElementById("7").remove()  
}  
else {  
    TypeScript = document.getElementById('TypeScript').value = "null";  
}
```

```
if (FSharp.checked) {  
    FSharp = document.getElementById('FSharp').value = "FSharp";  
    document.getElementById("8").remove()  
}  
else {  
    FSharp = document.getElementById('FSharp').value = "null";  
}
```

```
if (Python.checked) {  
    Python = document.getElementById('Python').value = "Python";  
    document.getElementById("9").remove()  
}  
else {  
    Python = document.getElementById('Python').value = "null";  
}
```

```
if (SQL.checked) {  
    SQL = document.getElementById('SQL').value = "SQL";  
    document.getElementById("10").remove()  
}  
else {  
    SQL = document.getElementById('SQL').value = "null";  
}
```

```

var errRegMess = document.getElementById('errRegMess');

var innerWrapper = document.getElementById('innerWrapper');

var checkboxes = document.querySelectorAll('input[type="checkbox"]:checked');

if (checkboxes.length > 5) {
    errRegMess.innerHTML = 'You cannot select more than 5 courses'
    return false;
}
else {
    errRegMess.innerHTML = "";
    var xhr;
    if (window.XMLHttpRequest) {
        xhr = new XMLHttpRequest();
    }
    else if (window.ActiveXObject) {
        xhr = new ActiveXObject("Microsoft.XMLHTTP");
    }

    xhr.open("GET", "http://localhost:80/myass/ajx.php?Java="+Java+"&PHP="+PHP+"&C
="+C+"&CPlus="+CPlus+"&JavaScript="+JavaScript+"&CSharp="+CSharp+"&TypeScript="
+TypeScript+"&FSharp="+FSharp+"&Python="+Python+"&SQL="+SQL,true);
    xhr.send();

    xhr.onreadystatechange=function(){
        if(xhr.readyState == 4 && xhr.status == 200){
            innerWrapper.innerHTML = xhr.responseText
        }
    };
}
});

```

<!-- sendComment.js file -->

//=====//

```

var sendComment = document.getElementById('sendComment');
sendComment.addEventListener('submit', function(event){
    event.preventDefault();
    var comment = document.getElementById('comment').value

    if (comment == "") {

```

```

        alert("Please enter a comment before submitting the form");
        return false;
    }
    else {

        var xhr;
        if (window.XMLHttpRequest) {
            xhr = new XMLHttpRequest();
        }
        else if (window.ActiveXObject) {
            xhr = new ActiveXObject("Microsoft.XMLHTTP");
        }

        xhr.open("GET","http://localhost:80/myass/db.php?comment="+comment,true);
        xhr.send();

        xhr.onreadystatechange=function(){
            if(xhr.readyState == 4 && xhr.status == 200){
                if(xhr.responseText === "Comment sent successfully"){
                    sendComment.reset();
                    alert("Comment sent successfully");
                }
                if(xhr.responseText === "An error occured. Try again"){
                    alert("An error occured. Try again");
                }
            }
        };

    }

});

<!-- styles.css file -->
//=====//

*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: verdana;
}

```

```
.header{
  height: 16vh;
  background-color: #1e4620;
  display: flex;
  justify-content: left;
}
.header > img{
  height: 80px;
  width: 80px;
  border-radius: 50%;
  margin-left: 100px;
  margin-top: 2vh;
}
.header > h4{
  font-size: 24px;
  font-weight: 500;
  margin-left: 20px;
  line-height: 16vh;
  color: #ffffff;
}
.body{
  display: flex;
  justify-content: center;
  height: 84vh;
  background-color: #eeeeee;
}
.login-wrapper{
  flex: 0 0 33%;
  text-align: center;
  background-color: #ffffff;
  height: 60vh;
}
.login-wrapper > img{
  width: 90px;
  height: 90px;
  margin-top: 30px;
}
.login-wrapper > h3{
  font-size: 16px;
  font-weight: 500;
  margin-top: 10px;
}
.login-wrapper > h4{
  font-size: 14px;
```

```

        font-weight: 500;
        margin-top: 10px;
        margin-bottom: 20px;
        font-style: italic;
    }
    input{
        height: 45px;
        width: 85%;
        border: none;
        outline:none;
        border-radius: 30px;
        color: rgba(0, 0, 0, 0.6);
        padding: 0 0 0 45px;
        margin-bottom: 10px;
        border: 1px solid rgba(0, 0, 0, 0.2);
        font-size: 16px;
    }
    input[type="checkbox"]{
        height: 15px;
    }
    button{
        height: 45px;
        width: 85%;
        border: none;
        outline:none;
        border-radius: 30px;
        color: rgba(0, 0, 0, 0.6);
        margin-bottom: 10px;
        border: 1px solid rgba(0, 0, 0, 0.2);
        font-size: 16px;
    }
    button{
        background-color: #1e4620;
        color: rgba(255, 255, 255, 1);
    }
    input:focus{
        border: 1px rgba(0, 0, 0, 0.6);
    }
    button:hover{
        opacity: 0.8;
        cursor: pointer;
    }

```



```
/*REGISTER.PHP PAGE*/
.profile{
    display: flex;
    justify-content: right;
    float: right;
    margin: auto;
    margin-right: 10px;
}
.profile > img{
    border-radius: 50%;
    width: 40px;
    height: 40px;
    margin-top: 5vh;
}
.profile > h6{
    line-height: 16vh;
    color: #ffffff;
    font-size: 12px;
    text-transform: uppercase;
    margin-left: 3px;
    font-weight: 300;
}
.profile > a{
    line-height: 16vh;
    color: #ffffff;
    font-size: 12px;
    text-transform: uppercase;
    margin-left: 10px;
    font-weight: 300;
}

.body-wrapper{
/*    height: 16vh;*/
/*    background-color: #1e4620;*/
    display: flex;
    justify-content: center;
}
.left{
    flex: 0 0 30%;
    text-align: left;
    overflow-y: scroll;
    height: 84vh;
}
.left-body{
```

```
        margin-top: 2vh;
    }
    .prof{
        font-weight: 400;
        font-size: 14px;
        text-transform: uppercase;
        margin-left: 15%;
        margin-top: 5vh;
    }
    .student-details{
        height: 5vh;
        background-color: #1e4620;
        width: 70%;
        margin-left: 15%;
        border-radius: 2px;
    }
    .stud_img{
        width: 60px;
        height: 60px;
        border-radius: 50%;
        margin-top: 10px;
    }
    .profile_tbl{
        margin-left: 15%;
    }
    table{
        border-collapse: collapse;
        width: 70%;
        margin: auto;
        margin-left: 15%;
    }
    td, th{
        border: 1px solid #dddddd;
        text-align: left;
        padding: 3px;
    }
    .insert-form{
        margin-left: 5%;
        width: 90%;
        margin-top: 6vh;
        border: 1px solid rgba(0, 0, 0, 0.2);
        padding: 30px;
        margin-bottom: 30px;
    }
}
```

```
.insert-form-title{
    font-weight: 400;
    font-size: 16px;
    margin-bottom: 20px;
    text-align: center !important;
}

.right{
    flex: 0 0 70%;
    text-align: center;
    padding: 0 15px 0 15px;
    overflow-y: scroll;
    height: 84vh;
}

.header-title{
    background-color: #eeeeee;
    margin-top: 4vh;
    padding: 10px;
}

.header-title > h5{
    font-weight: 400;
    text-transform: uppercase;
    font-size: 17px;
}

.warning-para{
    font-size: 13px;
    font-weight: 400;
    margin-top: 3vh;
    margin-bottom: 3vh;
}

.warning-para > b{
    color: rgba(255, 0, 0, 1.0);
}

.tarea{
    resize: none;
    width: 90%;
    margin-left: 5%;
    outline: 0;
    border: 1px solid rgba(0, 0, 0, 0.3);
    padding: 10px;
    font-size: 14px;
}
```

```
#error-msg{
    text-align: center;
    color: red;
    margin-top: 5px;
}
#succMsg{
    text-align: center;
    color: green;
    margin-top: 5px;
}
```

```
<!-- .htaccess file -->
//=====//
RewriteEngine on
RewriteCond %{REQUEST_FILENAME} !-d
RewriteCond %{REQUEST_FILENAME}\.php -f
RewriteRule ^(.*)$ $1.php [NC,L]
```