

Cairo University
Faculty of Computers and Artificial Intelligence
Information Systems Department



IS231

Web Technology

University Library Management

Team members :

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Nader Fikry : 20180304 .

Fady Emad :20180193 .

1-Introduction :

a) Description :

University Library Management system is a system that allows to the users, student or admin, to make account in the system by their email . The student that have an account in the system are able to perform some operation as borrowing books ,return a book ,extend borrowing periods and browsing books that in the library system .When a student borrow a book the system gives him a specific date to return the borrowed book at .Also the student can extend the borrowing period of a specific book, for more 5 days each time, from its account and the student can change any detail in its account as name or password or email . The Admin is the controller of this system as he can add books to the database , he can change the book details ,he can send emails to the late borrowers , he can browse books and browse books that satisfy certain condition .

b) Technologies used :

-Ajax : for browsing books ,to get the books from the database and print then in the user page .

-javascript : for calling ajax and client side validation.

-php : to connect with the database and make the site more dynamic.

-Sessions : used to store the data of the current user.

c) Team members role :

Name	ID	Role
Mahmoud Ashraf	20180250	<u>admin functionalities.</u>
Nader Fikry	20180304	<u>login , Register a new user ,Documentation</u>
Fady Emad	20180193	<u>student functionalities</u>

2-Implementation:

[Index.php \(login form and register form\) .](#)

```
<?php  
session_start();  
  
>  
  
<!DOCTYPE HTML>
```

```
<html>

<head>
    <style>
        body {
            background-image: url('books5.jpg');
            background-repeat: no-repeat;
            background-size: cover;
        }

        .tableee {
            font-size: x-large;
            position: relative;
        }
    </style>

    <title>Signin OR signUp </title>

</head>

<body>

    <div class="one" style=" font-size: xx-large ;border-bottom: 2px groove red; text-align: center; padding: 20px;">
        <form action="login.php" method="POST" >
            <div style="display: inline-block; position: relative; padding-left: 700px;"> <label for="email"> Email :</label>

                <input type="text" name="email" id="email" style="width:15em ; " required placeholder="email">
            </div>
            <div style="display: inline-block; position: relative; padding-left: 200px;"> <label for="password"> Password : </label> <input type="password" name="password" id="password" required placeholder="password">
        </div>
        <div style="display: inline-block; position: relative; margin-top: 10px;"> <button type="submit" style=" font-size: x-large;"> Signin </button></div>
    </div>
</body>
```

```

<div style="font-size: large; color: blue ;padding-left:800px; " >    <?php if(isset($_SESSION['flag'])) echo"<br> invalid email or password ";

unset ($_SESSION['flag']) ;           ?> </div>
</form>
</div>
<br>

<div style=" margin-left: 1000px; width: 400px; border: 1px solid red; text-align: center;">
    <form name="contactForm" onsubmit="return validateForm()" action="register.php" method="POST">
        <h2> Don't have an account ? fill out the following details to get one </h2>
            <br> <br>
            <div class="tablee"> <label for="name">Name :</label> <input class="tablee" type="text " id="name" name="name" placeholder="name" required> </div>
            <br>

            <div class="tablee"> <label for="password">Password : </label> <input type="password" class="tablee" style="width: 257px;" type="text" id="password" name="password" placeholder="Password" required>
            </div>
            <br>
            <div class="tablee"> <label for="email">Email : </label> <input class="tablee" type="text" onblur="validateEmail(email)" name="email" id="email" placeholder="email" required> </div>
            <br>
            <div class="tablee" style=" display: inline-block;"> <label for="admin"> <input type="radio" name="role" value="admin" id="admin" > Admin </label>
            </div>

            <div class="tablee" style=" display: inline-block;"> <label for="User"> <input type="radio" value="user" name="role" id="user" > User </label>
            <br> </div>
            <br><br>
            <div id="as" style="font-size: large; color: blue;" > </div>
            <br>
            <div> <input class="tablee" type="submit" value="Register" >
    </div>

```

```

        </form>
        <br>
        <div style="font-size: large; color: green ;">
            <?php if (isset($_SESSION["userAdded"])){ echo "New record created
successfully you can login now ";unset($_SESSION["userAdded"]); }?
        </div>
        <div style="font-
size: large; color: red ;"> <?php if (isset($_SESSION["exist_email"])) {
echo"this email (\".$_SESSION["exist_email"].")\n is already registered ";
unset($_SESSION["exist_email"]); }?
        </div>
        </div>

        <script>

function validateEmail(emailField){
    var reg = /^[A-Za-z0-9_\-\.\.]+@[A-Za-z0-9_\-\.\.]+\.(A-Za-z){2,4}$/;

    if (reg.test(emailField.value) == false)
    {
        alert('Invalid Email Address');
        return false;
    }

    return true;
}

// Defining a function to validate form
function validateForm() {
    // Retrieving the values of form elements
    var name = document.contactForm.name.value;
    var email = document.contactForm.email.value;
    var pass = document.contactForm.password.value;
    var radio_1= document.getElementById("admin").checked;
    var radio_2 = document.getElementById("user").checked;

    // Validate name

```

```
var regex = /^[a-zA-Z\s]+$/;
if(regex.test(name) == false) {

    document.getElementById("as").innerHTML ="invalid name "
    return false ;
}

//validate password
if (pass.length<6){
    document.getElementById("as").innerHTML ="too short password";

    return false ;}

if (radio_1==false && radio_2==false ){
    document.getElementById("as").innerHTML = "are you an admin or user ? ";
    return false;
}

// Validate email address

// Regular expression for basic email validation
var regex = /^[\w+@\w+\.\w+$/;
if(regex.test(email) == false) {
    document.getElementById("as").innerHTML ="invalid email address";

    return false;
} else{//then it is in the email format

    return true ;
}

};

</script>

</body>

</html>
```

register.php(to store the information of the new user)

```
<?php
session_start();
$username = $_POST["name"];
$password = $_POST["password"];
$email = $_POST["email"];
$role = $_POST["role"];
if ($role=="admin")
    $role=true;
else $role = false;

$servername = "localhost";
$user = "root";
$pass = "1234";

$connection = mysqli_connect($servername, $user, $pass, "test");
// Check connection
if (!$connection) {
    die("Connection failed: " . mysqli_connect_error());
}

// to check if the registered email alerady have an account or not .
$sql = "SELECT * FROM users WHERE email='$email'";

$res_e = mysqli_query($connection, $sql);

if (mysqli_num_rows($res_e) > 0) {

    $_SESSION["exist_email"]=$email;
    // to print that the email is exist .

    header('Location: index.php');
}

else {$sql = "INSERT INTO users ( username,email,role ,password )
```

```

VALUES ('$username','$email','$role','$password')";

if (mysqli_query($connection, $sql)) {
    $_SESSION["userAdded"]=true;
    // the session to print in the main page that the user is added .

} else {
    $_SESSION["userAdded"]=false;

}

header('Location: index.php');
}

```

Login.php(validate the information of the user to redirect him to his main page if he is already registered)

```

<?php
session_start();
$email=$_POST["email"];
$password=$_POST["password"];
$connection= mysqli_connect("localhost","root","1234","test");
// Check connection
if (!$connection) {
    die("Connection failed: " . mysqli_connect_error());
}

$id="SELECT id ,role,username From users
WHERE email='$email'and password='$password' ";
$result=mysqli_query($connection,$id);
$row = mysqli_fetch_assoc($result);

```

```

if ($row["id"]==0){
$_SESSION["flag"]=true;

header('Location: index.php');
exit;
}
else {
$_SESSION["name"]=$row["username"];
$_SESSION["role"]=$row["role"];
$_SESSION["email"]=$email;
$_SESSION["password"]=$password;
$_SESSION["id"]=$row["id"];

if ($_SESSION["role"]==true)
header('location: mainadmin.php');
else header('location: mainstudent.html');
}

?>

```

mainadmin.php (contain the functionalities of the admin)

```

<?php
session_start();

?>
<!DOCTYPE html>
<html>

<head>
<style>
body {
background-image: url("admin.jpg");

color: #FFF;
text-align: center;
font-size: xx-large;
}

```

```
#maindev {
    width: 700px;
    text-align: center;
    display: block;
    color: #fff;
    border: 5px groove yellowgreen;
    margin: 0 auto;
    font-size: xx-large;
}

.bt {
    width: 80%;
    background-color: #4CAF50;
    color: #FFF;
    font-size: xx-large;
    font-weight: bold;
}

.smalldiv {
    margin: 20px 0;
}
</style>

<script>
    function showbooks() {

        var xmlhttp = new XMLHttpRequest();
        xmlhttp.onreadystatechange = function () {
            if (this.readyState == 4 && this.status == 200) {
                document.getElementById("printbooks").innerHTML =
this.responseText;
            }
        };
        xmlhttp.open("GET", "printbooks.php", true);
        xmlhttp.send();
    }
</script>

</head>

<body>
    <h2> Welcome would you want to :</h2>
```

```

<div id="maindev">
    <div class="smalldiv"> <button class="bt" onclick=
"document.location.href='update_admin_details.php'"> Update Your Details </button></div>
    <div class="smalldiv"><button class="bt" onclick=
"document.location.href='admin.php';"> Add a book </button>
    </div>
    <div class="smalldiv"><button class="bt" onclick=
"document.location.href='update_book_details.php';"> Update a book details</button></div>

    <div class="smalldiv"><button class="bt" onclick=
"showbooks()">Browsing books </button> </div>
    <div class="smalldiv"><button class="bt" onclick=
"document.location.href='sendmail.php';">send mail for late borrowers </button> </div>
    <div class="smalldiv"><button class="bt" onclick=
"document.location.href='print_specific.php';"> showing specific books </button>
</div>

    <div class="smalldiv" ><button style="background-
color: red; "class="bt" onclick="document.location.href='logout.php';"> Logout
</button></div>
    <br>
    <div style="color:red;"><?php if (isset($_SESSION["sendedmails"]) ) ){
if ($_SESSION["sendedmails"]==false) echo " no late borrowers ";
else echo"there is ".$_SESSION["sendedmails"]." late borrowers and alert email
sent ";
unset($_SESSION["sendedmails"]); } ?> </div>
    </div>
<br>
    <div id="printbooks"></div>

</body>

</html>

```

admin.php(contain the form of **adding book** in
admin)

```
<?php
session_start();?>

<!DOCTYPE html>
<html>
<head>
<style>
    body{
        background-image :url("admin.jpg") ;
        /* background-repeat: no-repeat;
        background-size: cover;
        background-attachment: fixed; */
        color: #FFF;
        text-align: center;
    }
    .addbook{
        font-size: x-large;
        width: 500px;
        border: 3px groove yellow;
        margin: 0 auto ;
        text-align: center;display: block
    }
    input[type=text] {
        width: 100%;
        padding: 12px 20px;
        margin: 8px 0;
        display: inline-block;
        border: 1px solid #ccc;
        border-radius: 4px;
        box-sizing: border-box;
    }
    #bt{
        width: 100%;
        background-color: #4CAF50;
        margin: 8px 0;
        padding: 10px 5px;
        color: #FFF;
        font-size: xx-large;
    }
</style>
```

```
</head>

<body>

    <div style="margin: 0 auto; text-align: center; display: block;">
        <h2>Enter the book details then click <span style="color: #4CAF50;">ADD</span>
        to be added : </h2></div>
    <div class="addbook">
        <!-- the div that contain the form of adding book -->
        <form action="addbook.php" method="POST" style="display: inline-block; margin-left: auto; margin-right: auto; text-align: left;">
            <div><label for="bookid">bookID : </label> <input type="text" placeholder="BookID" name="bID" id="bID" /></div>
            <div> <label for="bname"> book Name : </label> <input type="text" id="bname" name="bname" placeholder="book name" /></div>
            <div> <label for="author"> author : </label> <input type="text" id="au" name="au" placeholder="author" /></div>
            <div> <label for="catagory"> catagory : </label> <input type="text" id="catagory" name="catagory" placeholder="book catagory" /></div>
            <div> <label for="pubyear"> publication year : </label> <input type="text" id="pubyear" name="pubyear" placeholder="publication year" /></div>
            <div> <input id="bt" type="submit" value="ADD" /></button></div>

        </form>
        <div style="font-size: xx-large; color: greenyellow;"> <?php if (isset($_SESSION["bookAdded"])) echo " a new book added successfully " ; unset($_SESSION["bookAdded"]); ?> </div>
        <div>
            <button onclick="document.location.href='mainadmin.php';" > Back</button>
        </div>
        <!-- the end of the div of adding book -->
    </div>

</body>

</html>
```

Addbook.php(used to add the book in the database after submitting the form from admin.php)

```
<?php
session_start();
$bookName=$_POST[ "bname"];
$Bookid=$_POST[ "bID"];
$catagory=$_POST[ "catagory"];
$author=$_POST[ "au"];
$pubyear=$_POST[ "pubyear"];

$connection=mysqli_connect("localhost", "root", "1234", "test");
// Check connection
if (!$connection) {
    die("Connection failed: " . mysqli_connect_error());
}
$sql="INSERT INTO books (bookName,catagory,author,bookID,pub_year)
VALUES ('$bookName','$catagory','$author','$Bookid','$pubyear')
";
if (mysqli_query($connection, $sql)) {
    $_SESSION[ "bookAdded"]=true;
}

//echo "New record created successfully";
else {
    $_SESSION[ "bookAdded"]=false;
}

} header('Location: admin.php');
```

update_book_details.php (to update book details)

```
<?php
session_start();

if (isset($_POST["submit"])){
    $change=$_POST["change"];
    $change_to=$_POST["changeto"];
    $bookID=$_POST["B_ID"];

    // Create connection
$conn = mysqli_connect("localhost", "root", "1234", "test");
// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

$sql = "SELECT * FROM books WHERE bookID='$bookID'";

$res_e = mysqli_query($conn, $sql);

if (mysqli_num_rows($res_e) > 0) {

    $sql = "UPDATE books SET ".$change."='".$change_to."' WHERE bookID='".$bookID."'";
;

if (mysqli_query($conn, $sql)) {

    $_SESSION["book_updated"]=true;
} else {
    echo "Error updating record: " . mysqli_error($conn);
}

mysqli_close($conn);
else {echo "no book with ID = ('.$bookID.')";}
}

?>
```

```
<!DOCTYPE html>
<html>
<head>

<style>
body{
    text-align: center;
    background-image: url('admin.jpg');
    background-repeat: no-repeat;
    background-size: cover;
}
#maindiv{
    font-size: xx-large;
    width: 500px;

    margin: 100px auto ;
    text-align: center;
    border:5px solid yellowgreen;
    color:#FFF;
}
</style>
</head>
<body>
    <div id="maindiv" >
        <label for="selctet"><?php echo $_SESSION["name"] ?>
            what do you want to change <span style="color :red;"> ?</span> </label>

            <form name="contactForm"    action="" method="POST" onsubmit=
            "return validateForm()">
                <input style="font-size :x-
large; width:100%" type="text" id="B_ID" name="B_ID" placeholder="Enter book ID
to be changed" >
                    <select style="font-size: x-large; " name="change" id="change" >
                        <option value="">Select :</option>
                        <option value="bookName">Name</option>
                        <option value="catagory">catagory</option>
                        <option value="author">author</option>
                        <option value="bookID">bookID</option>
                        <option value="pub_year">publication year</option>
                    </select>
                <div>
```

```

        <input id="changeto" name="changeto" style="font-size :x-
large; " type="text" placeholder="change to "> </div>
        <input style="font-size :x-
large; width:100%" type="submit" name="submit" value="change" >
        <button style="font-size :x-
large; width:100% ; " onclick="document.location.href='mainadmin.php';" > &#8617;
        Back</button>
    </form>
    <div id="error" style="color: red;" ><?php
if (isset($_SESSION["book_updated"] ) ){ echo "book updated successfully ";
unset($_SESSION["book_updated"] ); } ?> </div>
</div>

</body>
<script>

function validateForm() {
    // Retrieving the values of form elements
    var change_that = document.contactForm.change.value;
    var change_to = document.contactForm.changeto.value;

    //check if the inputs is empty .
    if(change_that=="" ||change_to==""){
        document.getElementById("error").innerHTML = "choose what to change and
and its replacment ";
        return false;
    }
    else
        return true;
};

</script>
</html>

```

Update_admin_details.php(update user details this page called by admin and student the difference in the back button)

```
<?php
session_start();
if (isset($_POST["submit"])){
    $change=$_POST["change"];
    $change_to=$_POST["changeto"];

    // Create connection
$conn = mysqli_connect("localhost", "root", "1234", "test");
// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

$sql = "UPDATE users SET ".$change."= '".$change_to."' WHERE id=".$_SESSION["id"]
;

if (mysqli_query($conn, $sql)) {
    $_SESSION["user_updated"]=true;
} else {
    echo "Error updating record: " . mysqli_error($conn);
}

mysqli_close($conn);
?>

<!DOCTYPE html>
<html>
<head>

<style>
    body{
```

```

        text-align: center;
        background-image: url('admin.jpg');
        background-repeat: no-repeat;
        background-size: cover;
    }
#maindiv{
    font-size: xx-large;
    width: 500px;
/* display: block; display: inline-block; display: inline-block; */
    margin: 100px auto ;
    text-align: center;
    border:5px solid yellowgreen;
    color:#FFF;
}
</style>
</head>
<body>
    <div id="maindiv" >
        <label for="selcet"><?php echo $_SESSION["name"] ?>
what do you want to change <span style="color :red;"> ?</span> </label>

        <form name="contactForm"    action="" method="POST" onsubmit="return validateForm()">
            <select style="font-size: x-large; " name="change" id="change" >
                <option value="">Select :</option>
                <option value="username">Name</option>
                <option value="password">password</option>
                <option value="email">email</option>
            </select>
            <div>
                <input id="changeto" name="changeto" style="font-size :x-large; " type="text" placeholder="change to "> </div>
                <input style="font-size :x-large; width:100%" type="submit" name="submit" value="change" >
                <button style="font-size :x-large; width:100% ;color:black;" onclick="document.location.href='mainadmin.php'"> &#8617; Back</button>
            </div>
        </form>
        <div id="error" style="color:red;" > <?php if (isset($_SESSION["user_updated"])) { echo "user updated successfully "; unset($_SESSION["user_updated"]); } ?> </div>
    </div>
</body>

```

```
<script>

function validateForm() {
    // Retrieving the values of form elements
    var change_that = document.contactForm.change.value;
    var change_to = document.contactForm.changeto.value;
    //document.getElementById("test").innerHTML = change_that+" "+change_to;

    if(change_that=="" || change_to==""){
        document.getElementById("error").innerHTML = "choose what to change and
and its replacement ";
        return false;
    }
    // Validate name
    if(change_that==="username"){
        var regex = /^[a-zA-Z\s]+$/;
        if(regex.test(change_to) == false) {

            document.getElementById("error").innerHTML ="invalid name ";
            return false ;
        }
        else return true;
    }
    //validate password
    if(change_that==="password"){
        if (change_to.length<6){
            document.getElementById("error").innerHTML ="too short password";

            return false ;
        }
        return true;}
    }

    // Validate email address
    if (change_that==="email"){
        // Regular expression for basic email validation
        var regex = /^[\w\.-]+@[^\w\.-]+\.\w+$/;
        if(regex.test(change_to) == false) {
            document.getElementById("error").innerHTML ="invalid email address";

            return false;
        } else{
    
```

```
        return true ;
    }
}
//document.getElementById("error").innerHTML ="invalid  ";
return false;

};

</script>
</html>
```

printbooks.php (browsing books

-this page is called by admin and student -)

```
<!DOCTYPE html>
<html>
<head>
<style>
table {
    width: 100%;
    border-collapse: collapse;
}

table, td, th {
    border: 1px solid #4CAF50;
    padding: 5px;
}

th {text-align: left;}
</style>
</head>
<body>
```

```

<?php

$con = mysqli_connect('localhost','root','1234','test');
if (!$con) {
    die('Could not connect: ' . mysqli_error($con));
}

// mysqli_select_db($con,"ajax_demo");
$sql="SELECT * FROM books ";
$result = mysqli_query($con,$sql);

echo "<table>
<tr>
<th>bookname</th>
<th>catagory</th>
<th>author</th>
<th>publication Year</th>
<th>ID</th>
</tr>";
while($row = mysqli_fetch_array($result)) {
    echo "<tr>";
    echo "<td>" . $row['bookName'] . "</td>";
    echo "<td>" . $row['catagory'] . "</td>";
    echo "<td>" . $row['author'] . "</td>";
    echo "<td>" . $row['pub_year'] . "</td>";
    echo "<td>" . $row['bookID'] . "</td>";
    echo "</tr>";
}
echo "</table>";
mysqli_close($con);
?>
</body>
</html>

```

print_specific(Showing a list of books that satisfy certain criteria)

```
<?php
```

```
session_start();

if (isset($_POST["submit"])){
    $condition=$_POST["condition"];
    $print=$_POST["print"];

    // Create connection
$conn = mysqli_connect("localhost", "root", "1234", "test");
// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

$sql="SELECT * FROM books where $print='$condition'";
$result = mysqli_query($conn,$sql);
if (mysqli_num_rows($result) > 0) {
echo "<table>
<tr>
<th>bookname</th>
<th>catagory</th>
<th>author</th>
<th>publication Year</th>
<th>ID</th>
</tr>";
while($row = mysqli_fetch_array($result)) {
    echo "<tr>";
    echo "<td>" . $row['bookName'] . "</td>";
    echo "<td>" . $row['catagory'] . "</td>";
    echo "<td>" . $row['author'] . "</td>";
    echo "<td>" . $row['pub_year'] . "</td>";
    echo "<td>" . $row['bookID'] . "</td>";
    echo "</tr>";
}
echo "</table>";
mysqli_close($conn);
else
    echo"<span style=\"color:#fff; font-size:xx-large; \">no books satisfies that condition</span>";

}
?>
```

```
<!DOCTYPE html>
<html>
<head>

<style>
body{
    text-align: center;
    background-image: url('admin.jpg');
    background-repeat: no-repeat;
    background-size: cover;
}
#maindiv{
    font-size: xx-large;
    width: 500px;

    margin: 100px auto ;
    text-align: center;
    border:5px solid yellowgreen;
    color:#FFF;
}
table {
    width: 100%;
    border-collapse: collapse;
}

table, td, th {
    color:#fff;
    font-size: xx-large;

    border: 1px solid #4CAF50;
    padding: 5px;
}

th {text-align: left; font-weight:bold;}
</style>
</head>
<body>
    <div id="maindiv" >
        <label for="selcet"> what do you want to print <span style="color :red;"> ?<
/span> </label>

        <form name="contactForm"    action="" method="POST" onsubmit="return
validateForm()">
```

```

        <select style="font-size: x-large; " name="print" id="print" >
        <option value="">Select :</option>
        <option value="bookName">Name</option>
        <option value="catagory">catagory</option>
        <option value="author">author</option>
        <option value="bookID">bookID</option>
        <option value="pub_year">publication year</option>
    </select>
    <br><br>
    <div>
        <input id="condition" name="condition" style="font-size :x-large; width:100% " type="text"
placeholder="enter the condition in a single word "> </div>
        <input style="font-size :x-large; width:100%" type="submit" name="submit" value="print" >
        <br>
        <button style="font-size :x-large; width:100% ; " onclick="document.location.href='mainadmin.php';" > &#8617;
        Back</button>
    </form>
    <div id="error" style="color: red;" ><?php if
        (isset($_SESSION["book_updated"]) ) )
    { echo "book updated successfully "; unset($_SESSION["book_updated"]); } ?> </d
iv>
</div>

</body>
<script>

function validateForm() {
    // Retrieving the values of form elements
    var change_that = document.contactForm.print.value;
    var change_to = document.contactForm.condition.value;
    //document.getElementById("test").innerHTML = change_that+" "+change_to;

    if(change_that=="" || change_to==""){
        document.getElementById("error").innerHTML = "choose what to print and
and its condition ";
        return false;
    }
    else
        return true;
};


```

```
</script>
</html>
```

Sendmail.php(send mails for late borrowers)

```
<?php
session_start();
$servername = "localhost";
$user = "root";
$pass = "1234";

$connection = mysqli_connect($servername, $user, $pass, "test");
// Check connection
if (!$connection) {
    die("Connection failed: " . mysqli_connect_error());

}
$current_date=date("Y-m-d");
$sql="SELECT student_id ,book_id from borrowed where return_time<'$current_date'"
;
$late_id=mysqli_query($connection,$sql);
while ($row = mysqli_fetch_array($late_id)) {
    $id=$row["student_id"];
    $sql="SELECT email from users where id='$id'";
    $email=mysqli_query($connection,$sql);
    $sendemail = mysqli_fetch_assoc($email);
    // echo($sendemail["email"]."<br>");
    $message="you have to return the book with id =".$row["book_id"]."as its
borrowing period has ended";
    $subject="The Library System";
    mail($sendemail["email"],$subject,$message);

}

if (!mysqli_query($connection, $sql)) {
    echo "Error updating record: " . mysqli_error($conn);
```

```
        }
    else if (mysqli_num_rows($late_id)==0){
        $_SESSION["sendedmails"]=false;
    }
    else if (mysqli_num_rows($late_id)>0)
        $_SESSION["sendedmails"]=mysqli_num_rows($late_id);

        header('location: mainadmin.php');
```

student pages

mainstudent.html(contain the functionalities of
the student)

```
<!DOCTYPE html>
<html>

<head>
    <style>
        body {
            background-image: url("books.jpg");
            background-repeat: no-repeat;
            background-size: cover;
            background-attachment: fixed;
            color: #FFF;
            text-align: center;
            font-size: xx-large;
        }

        #maindev {
            width: 700px;
            text-align: center;
            display: block;
```

```

        color: #fff;
        border: 5px groove yellowgreen;
        margin: 0 auto;
        font-size: xx-large;
    }

    .bt {
        width: 80%;
        background-color: #4CAF50;
        color: #FFF;
        font-size: xx-large;
        font-weight: bold;
    }

    .smalldiv {
        margin: 20px 0;
    }
</style>

<script>
    function showbooks() {
        // if (str == "") {
        //     document.getElementById("txtHint").innerHTML = "";
        //     return;
        // } else {
        var xmlhttp = new XMLHttpRequest();
        xmlhttp.onreadystatechange = function () {
            if (this.readyState == 4 && this.status == 200) {
                document.getElementById("printbooks").innerHTML =
this.responseText;
            }
        };
        xmlhttp.open("GET", "printbooks.php", true);
        xmlhttp.send();
        // }
    }
</script>

</head>

<body>
    <h2> Welcome would you want to </h3>
        <div id="maindev">

```

```

        <div class="smalldiv"> <button class="bt" onclick=
    "document.location.href='update_student_details.php'"> Update your Details
</button></div>
        <div class="smalldiv"><button class="bt" onclick=
    "document.location.href='borrowBook.php'">Borrow a book </button>
        </div>
        <div class="smalldiv"><button class="bt" onclick=
    "document.location.href='returnBook.php'"> return a book </button></div>

        <div class="smalldiv"><button class="bt" onclick=
    "document.location.href='extend_borrowing_Period.php'">
    extending borrowing period </button></div>
        <div class="smalldiv"><button class="bt" onclick=
    "showbooks()">Browsing books </button> </div>
        <div class="smalldiv"><button class="bt" onclick=
    "document.location.href='printSpecific_student.php'">
    show books with specific creteria </button></div>
        <div class="smalldiv" ><button style="background-
color: red;" class="bt" onclick="document.location.href='logout.php';"> Logout </
button></div>

        </div>
<br>
        <div id="printbooks"></div>

</body>

</html>
```

borrowBook.php()

```

<?php
session_start();
if (isset($_POST["submit"])){
$bookid=$_POST[ "b_id"];
$servername = "localhost";
$user = "root";
$pass = "1234";

$connection = mysqli_connect($servername, $user, $pass, "test");
// Check connection
```

```

if (!$connection) {
    die("Connection failed: " . mysqli_connect_error());
}

$sql = "SELECT * FROM books WHERE bookID='$bookid'";

$res_e = mysqli_query($connection, $sql);

if (mysqli_num_rows($res_e) > 0) {
    $date=strtotime("+5 Days");
    $date=date("Y-m-d", $date);
    $sql = "INSERT INTO borrowed (book_id,student_id,return_time)
VALUES('$bookid','{$SESSION["id"]}', '$date')";
    if (mysqli_query($connection, $sql)){
        $_SESSION["borrowed"]=true;
        // echo "borrwed successeded";
    }
    else {
        echo "Error updating record: " . mysqli_error($connection)."
you alerady have that book";
    }
}

else $_SESSION["borrowed"]=false;

?>

<!DOCTYPE html>
<html>

<head>
    <style>
        body {
            background-image: url("student5.jpg");
            background-repeat: no-repeat;
            background-size: cover;
            background-attachment: fixed;

            text-align: center;
            font-size: x-large;
        }
    </style>
</head>
<body>
    <h1>Welcome to Library Management System</h1>
    <h2>Borrow Book</h2>
    <form action="" method="post">
        <label>Book ID:</label>
        <input type="text" name="bookid" value="101" />
        <br/>
        <label>Student ID:</label>
        <input type="text" name="studentid" value="101" />
        <br/>
        <input type="submit" value="Borrow Book" />
    </form>
</body>
</html>

```

```

#maindiv {
    text-align: center;
    border: 5px solid red;
    margin: 100px auto;
    width: 600px;
    display: block;
    padding: 10px;
}

input[type=text] {
width: 100%;
padding: 12px 20px;
margin: 8px 0;
display: inline-block;
border: 1px solid #ccc;
border-radius: 4px;
box-sizing: border-box;
}

</style>
</head>

<body>

<div id="maindiv">
    <h2> Enter the id of the book you want to borrow </h2>
    <form action="" method="POST" style="display: inline-block;">
        <input type="text" placeholder="Book ID" name="b_id" id="b_id">
        <input type="submit" value="Borrow" id="submit" name="submit" style="color: blue; width: 100%; font-size: x-large;">
    </form>
    <br><br>

    <button style="font-size :x-large; width:50% ;color:black;" onclick="document.location.href='mainstudent.html'"> &#8617; Back</button>
    <div id="result_div" style="color:red;font-weight: bold;"> <?php if (isset($_SESSION["borrowed"])){ if($_SESSION["borrowed"]==true) echo"borrowed successfully \n you have to return the book in 5 days or you will be late "; else echo"this book doesnot exist in the library .";unset($_SESSION["borrowed"]); } ?> </div>
</div>

```

```
</body>  
</html>
```

ReturnBook.php(deleting the book from the borrowedbooks table by the id of the student and the book)

```
<?php  
session_start();  
if (isset($_POST["submit"])){  
$bookid=$_POST["b_id"];  
  
$servername = "localhost";  
$user = "root";  
$pass = "1234";  
  
$connection = mysqli_connect($servername, $user, $pass, "test");  
// Check connection  
if (!$connection) {  
    die("Connection failed: " . mysqli_connect_error());  
}  
  
$sql = "SELECT * FROM borrowed WHERE book_id='$bookid' and student_id='{  
$_SESSION["id"]}' " ;  
  
$res_e = mysqli_query($connection, $sql);  
  
if (mysqli_num_rows($res_e) > 0) {  
  
    $sql = "DELETE FROM borrowed WHERE book_id='$bookid' and student_id='{  
$_SESSION["id"]}' " ;  
    if (mysqli_query($connection, $sql)){  
        $_SESSION["found"]=true;  
        // echo "borrowed successed";  
    }  
    else {
```

```
        echo "Error updating record: " . mysqli_error($connection);
    " you alerady have that book";
}

}

else $_SESSION["found"]=false;}

?>

<!DOCTYPE html>
<html>

<head>
<style>
body {
    background-image: url("student5.jpg");
    background-repeat: no-repeat;
    background-size: cover;
    background-attachment: fixed;

    text-align: center;
    font-size: x-large;
}

#maindiv {
    text-align: center;
    border: 5px solid red;
    margin: 100px auto;
    width: 600px;
    display: block;
    padding: 10px;

}
input[type=text] {
width: 100%;
padding: 12px 20px;
margin: 8px 0;
display: inline-block;
border: 1px solid #ccc;
border-radius: 4px;
box-sizing: border-box;
}

</style>
```

```

</head>

<body>

<div id="maindiv">
    <h2> Enter the id of the book you want to<span style="color: red;" >
    return </span> </h2>
    <form action="" method="POST" style="display: inline-block;">
        <input type="text" placeholder="Book ID" name="b_id" id="b_id">
        <input type="submit" value="return" id="submit" name="submit" style="
color: blue; width: 100%; font-size: x-large;">

    </form>
    <br><br>

    <button style="font-size :x-
large; width:50% ;color:black;" onclick="document.location.href='mainstudent.html
'" > &#8617; Back</button>
    <div id="result_div" style="color:red;font-
weight: bold;" > <?php if (isset($_SESSION["found"])){if ($_SESSION["found"]==
true) echo"book returned successfully ";
else echo"you did not take that book .";unset
($_SESSION["found"]); } ?> </div>
</div>

</body>

</html>

```

extend_borrowing_period.php

```

<?php
session_start();
if (isset($_POST["submit"])){
$bookid=$_POST[ "b_id"];

$servername = "localhost";
$user = "root";
$pass = "1234";

$connection = mysqli_connect($servername, $user, $pass, "test");

```

```

// Check connection
if (!$connection) {
    die("Connection failed: " . mysqli_connect_error());
}

$sql = "SELECT * FROM borrowed
WHERE book_id='$bookid' and student_id='{$SESSION["id"]}';

$result = mysqli_query($connection, $sql);

if (mysqli_num_rows($result) > 0) {

    $sql = "SELECT return_time FROM borrowed
WHERE book_id='$bookid' and student_id='{$SESSION["id"]}';
$result=mysqli_query($connection,$sql);
$newdate = mysqli_fetch_assoc($result);
if (mysqli_query($connection, $sql)){
    $_SESSION["found"]=true;
    $newdate=$newdate["return_time"];
    $newdate=strtotime($newdate);
    $newdate=date("Y-m-d",$newdate);
    $newdate = date(strtotime($newdate . "+5 days"));
    $newdate=date("Y-m-d",$newdate);

    $sql = "UPDATE borrowed SET return_time ='". $newdate."'";
WHERE book_id='$bookid' and student_id='{$SESSION["id"]}';
$_SESSION["newdate"]=$newdate;
if (!mysqli_query($connection, $sql)){
    echo "error -- : ". mysqli_error($connection);

}
}
else {
    echo "Error updating record: " . mysqli_error($connection).
" you alerady have that book";
}

}
else $_SESSION["found"]=false;} 
```

```

?>
<!DOCTYPE html>
<html>

<head>
    <style>
        body {
            background-image: url("student5.jpg");
            background-repeat: no-repeat;
            background-size: cover;
            background-attachment: fixed;

            text-align: center;
            font-size: x-large;
        }

        #maindiv {
            text-align: center;
            border: 5px solid red;
            margin: 100px auto;
            width: 600px;
            display: block;
            padding: 10px;
        }

        input[type=text] {
            width: 100%;
            padding: 12px 20px;
            margin: 8px 0;
            display: inline-block;
            border: 1px solid #ccc;
            border-radius: 4px;
            box-sizing: border-box;
        }
    </style>
</head>

<body>

    <div id="maindiv">
        <h2> Enter the id of the book you want to <span style="color: red;" >
extend its period </span> </h2>
        <form action="" method="POST" style="display: inline-block;">
            <input type="text" placeholder="Book ID" name="b_id" id="b_id">

```

```

        <input type="submit" value="Extend" id="submit" name="submit" style="color: blue; width: 100%; font-size: x-large;">

    </form>
    <br><br>

    <button style="font-size :x-large; width:50% ;color:black;" onclick="document.location.href='mainstudent.html'" > &#8617; Back</button>
    <div id="result_div" style="color:red;font-weight: bold;" >
        <?php if (isset($_SESSION["found"])){if ($_SESSION["found"]==true) echo("now you have to return the book at <span style=\"color :blue;\"> ".$_SESSION["newdate"]."</span> <br> the period increased for 5 days");
        else echo"you did not take that book .";unset($_SESSION["found"]); } ?>
    </div>
</div>

</body>

</html>

```

printSpecific_student.php(showing books that have certain criteria)

```

<?php
session_start();

if (isset($_POST["submit"])){
    $condition=$_POST["condition"];
    $print=$_POST["print"];

    // Create connection
$conn = mysqli_connect("localhost", "root", "1234", "test");
// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

```

```

//echo $print." ".$condition;
$sql="SELECT * FROM books where $print='$condition'";
$result = mysqli_query($conn,$sql);
if (mysqli_num_rows($result) > 0) {
echo "<table>
<tr>
<th>bookname</th>
<th>catagory</th>
<th>author</th>
<th>publication Year</th>
<th>ID</th>
</tr>";
while($row = mysqli_fetch_array($result)) {
    echo "<tr>";
    echo "<td>" . $row['bookName'] . "</td>";
    echo "<td>" . $row['catagory'] . "</td>";
    echo "<td>" . $row['author'] . "</td>";
    echo "<td>" . $row['pub_year'] . "</td>";
    echo "<td>" . $row['bookID'] . "</td>";
    echo "</tr>";
}
echo "</table>";
mysqli_close($conn);
else
echo"<span style=\"color:#fff; font-size:xx-large; \">no books satisfies that condition</span>";

}

?>

<!DOCTYPE html>
<html>
<head>

<style>
body{
    text-align: center;
    background-image: url('student6.jpg');
    background-repeat: no-repeat;
    background-size: cover;
}

```

```

#maindiv{
    font-size: xx-large;
    width: 500px;

    margin: 100px auto ;
    text-align: center;
    border:5px solid yellowgreen;
    color:black;
}

table {
width: 100%;
border-collapse: collapse;
}

table, td, th {
    color:black;
    font-size: xx-large;

    border: 1px solid #4CAF50;
    padding: 5px;
}

th {text-align: left; font-weight:bold; }

</style>
</head>
<body>
    <div id="maindiv"  >
        <label for="selct"> what do you want to print <span style="color :red;"> ?</span> </label>

        <form name="contactForm"    action="" method="POST" onsubmit="return validateForm()">
            <select style="font-size: x-large; " name="print" id="print" >
                <option value="">Select :</option>
                <option value="bookName">Name</option>
                <option value="catagory">catagory</option>
                <option value="author">author</option>
                <option value="bookID">bookID</option>
                <option value="pub_year">publication year</option>
            </select>
            <br><br>
            <div>
                <input id="condition" name="condition" style="font-size :x-large; width:100% " type="text" placeholder="enter the condition in a single word "> </div>

```

```

        <input style="font-size :x-
large; width:100%" type="submit" name="submit" value="print" >
        <br>
        <button style="font-size :x-
large; width:100% ; " onclick="document.location.href='mainstudent.html';" >
            &#8617; Back</button>
        </form>
        <div id="error" style="color: red;" ><?php if (isset($_SESSION[
            "book_updated"] ) ){ echo "book updated successfully "; unset($_SESSION[
            "book_updated"]); } ?> </div>
        </div>

</body>
<script>

function validateForm() {
    // Retrieving the values of form elements
    var change_that = document.contactForm.print.value;
    var change_to = document.contactForm.condition.value;
    //document.getElementById("test").innerHTML = change_that+" "+change_to;

    if(change_that=="" || change_to==""){
        document.getElementById("error").innerHTML = "choose what to print and
and its condition ";
        return false;
    }
    else
        return true;
}

</script>
</html>

```

Update_student_details.php

```

<?php
session_start();
if (isset($_POST["submit"])){
    $change=$_POST["change"];

```

```
$change_to=$_POST["changeto"];

// Create connection
$conn = mysqli_connect("localhost", "root", "1234", "test");
// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

$sql = "UPDATE users SET ".$change.= "'".$change_to."' WHERE id=".$_SESSION["id"]
;

if (mysqli_query($conn, $sql)) {
    $_SESSION["user_updated"]=true;
} else {
    echo "Error updating record: " . mysqli_error($conn);
}

mysqli_close($conn);
?>

<!DOCTYPE html>
<html>
<head>

<style>
body{
    text-align: center;
    background-image: url('student5.jpg');
        background-repeat: no-repeat;
        background-size: cover;
}
#maindiv{
    font-size: xx-large;
    width: 500px;
/* display: block; display: inline-block; display: inline-block; */
    margin: 100px auto ;
    text-align: center;
    border:5px solid yellowgreen;
/* color:#FFF; */
```

```

        }
</style>
</head>
<body>
    <div id="maindiv" >
        <label for="selcet"><?php echo $_SESSION["name"]?> what do you want to change
        <span style="color :red;"> ?</span> </label>

        <form name="contactForm"    action="" method="POST" onsubmit="return
validateForm()">
            <select style="font-size: x-large; " name="change" id="change" >
                <option value="">Select :</option>
                <option value="username">Name</option>
                <option value="password">password</option>
                <option value="email">email</option>
            </select>
            <div>
                <input id="changeto" name="changeto" style="font-size :x-
large; " type="text" placeholder="change to "> </div>
                <input style="font-size :x-
large; width:100%" type="submit" name="submit" value="change" >
                <button style="font-size :x-
large; width:100% ;color:black;" onclick="document.location.href='mainstudent.html
'" > &#8617; Back</button>
            </form>
            <div id="error" style="color:red;" > <?php if (isset($_SESSION[
user_updated]) ) { echo "user updated successfully "; unset($_SESSION
[ "user_updated" ] ); } ?> </div>
        </div>

    </body>
    <script>

function validateForm() {
    // Retrieving the values of form elements
    var change_that = document.contactForm.change.value;
    var change_to = document.contactForm.changeto.value;
    //document.getElementById("test").innerHTML = change_that+" "+change_to;

    if(change_that=="" || change_to==""){
        document.getElementById("error").innerHTML = "choose what to change and a
nd its replacement ";
    }
}

```

```
        return false;
    }
// Validate name
if(change_that==="username"){
    var regex = /^[a-zA-Z\s]+$/;
    if(regex.test(change_to) == false) {

        document.getElementById("error").innerHTML ="invalid name ";
        return false ;
    }
    else return true;
}
//validate password
if(change_that==="password"){
    if (change_to.length<6){
        document.getElementById("error").innerHTML ="too short password";

        return false ;
    }
    return true;}}

// Validate email address
if (change_that=="email"){
    // Regular expression for basic email validation
    var regex = ^\S+@\S+\.\S+$/;
    if(regex.test(change_to) == false) {
        document.getElementById("error").innerHTML ="invalid email address";

        return false;
    } else{
        return true ;
    }
}
//document.getElementById("error").innerHTML ="invalid ";
return false;

};

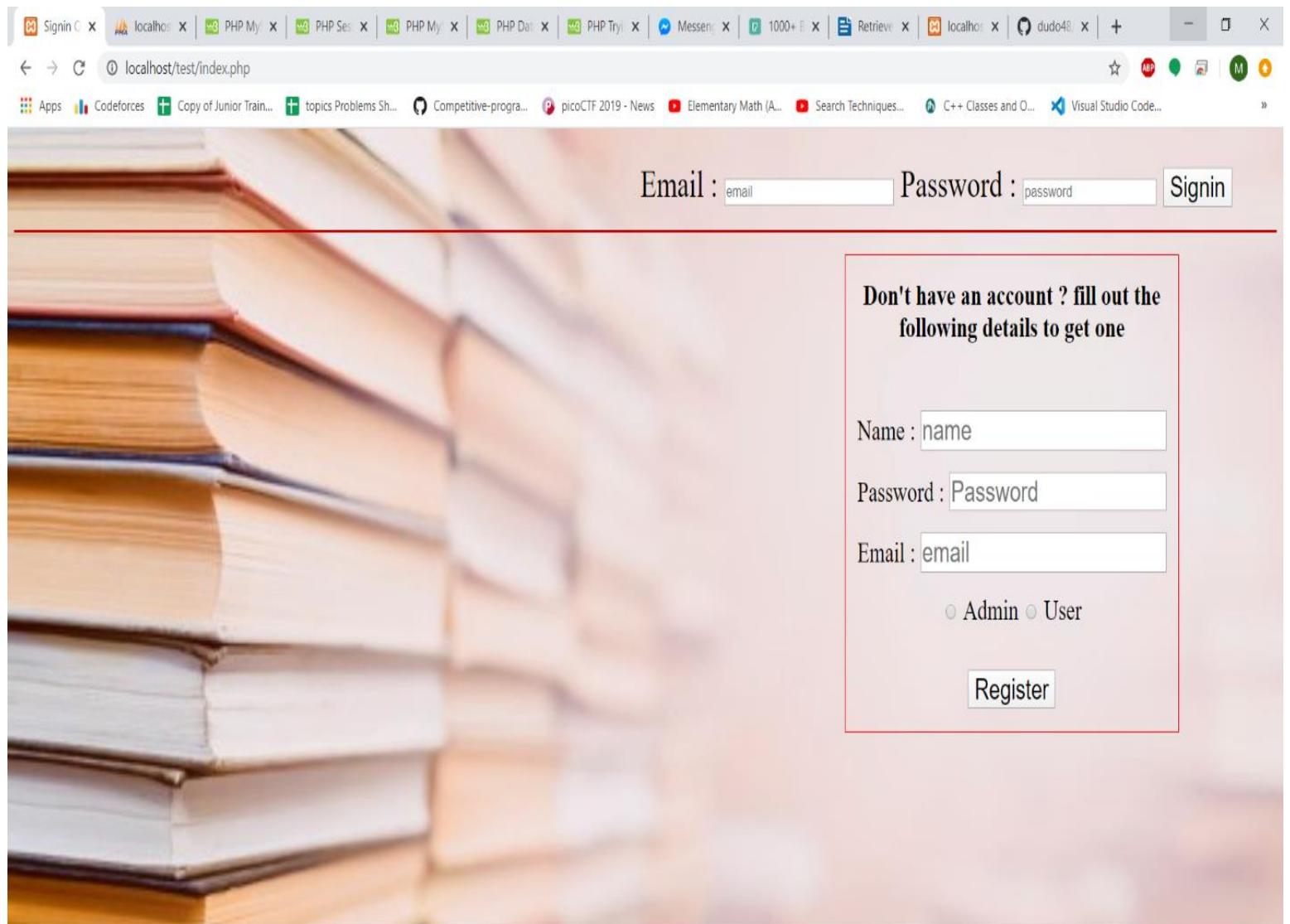
</script>
</html>
```

Logout.php

```
<?php  
//logout  
session_start();  
session_destroy();  
header('Location: index.php'); ?>
```

3-Project OutPut :

Signin&signup:



The screenshot shows a web browser window with a stack of books as the background. The address bar displays "localhost/test/index.php". The page contains a login form with fields for "Email" and "Password", and a "Signin" button. To the right, there is a registration form enclosed in a red border, prompting users to "fill out the following details to get one". It includes fields for "Name", "Password", and "Email", and radio buttons for "Admin" and "User" roles, followed by a "Register" button.

localhost/test/index.php

Email : Password : Signin

Don't have an account ? fill out the following details to get one

Name :

Password :

Email :

Admin User

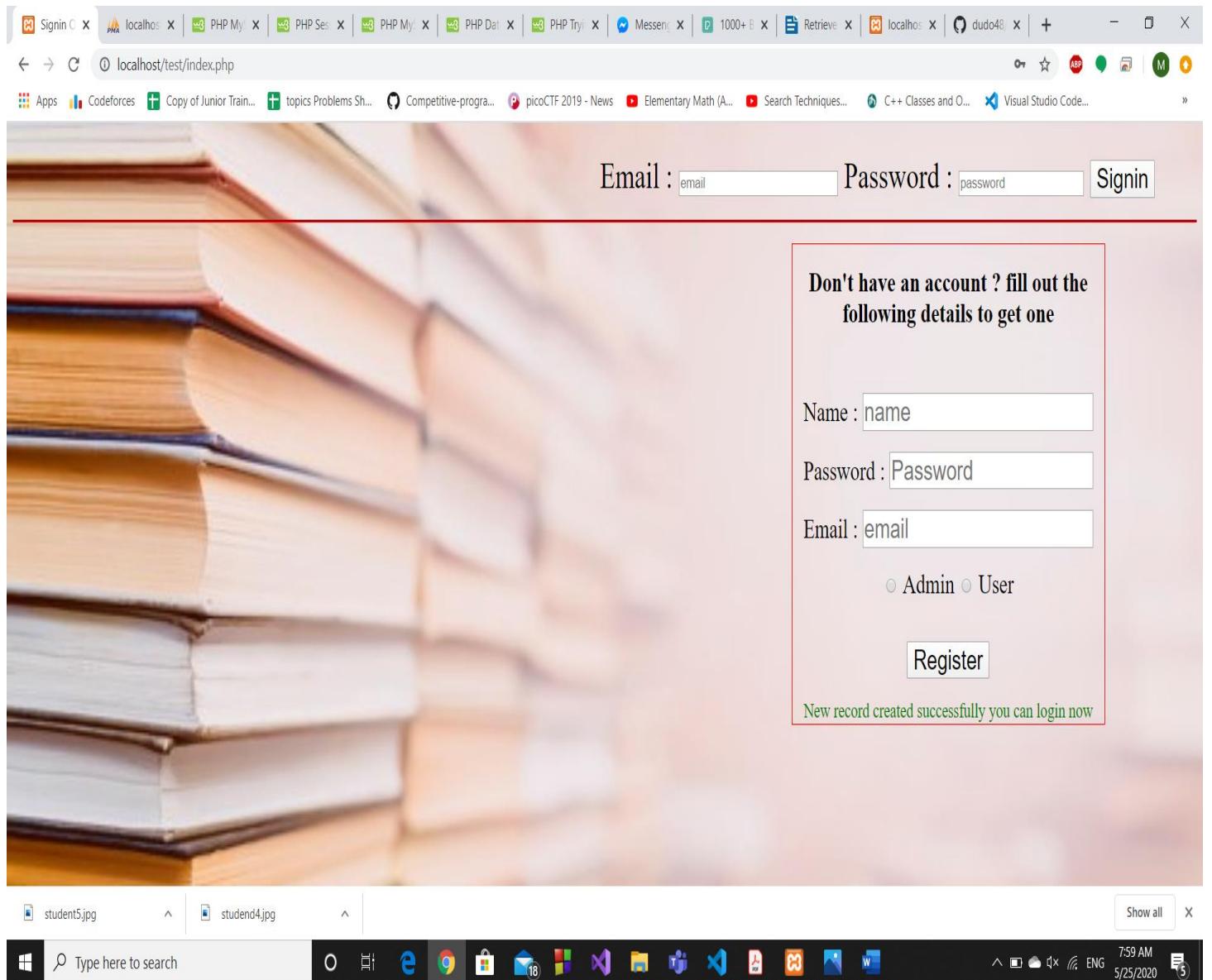
Register

student5.jpg student4.jpg Show all

Type here to search

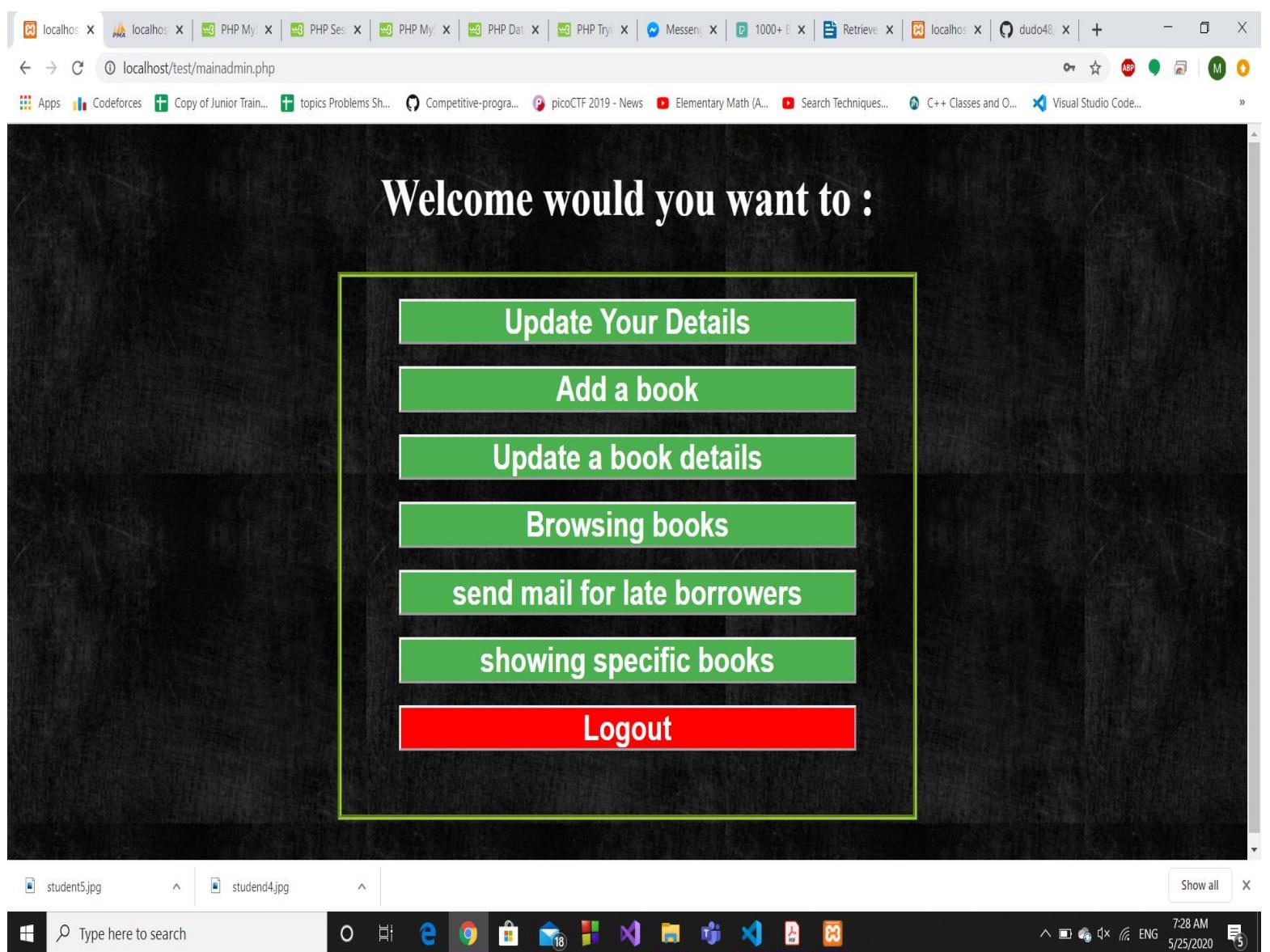
7:28 AM 5/25/2020

after registering :



Admin Pages (screen shoots):

Main_admin



Add_book:

localhost/test/admin.php

Enter the book details then click **ADD** to be added :

bookID :

book Name :

author :

catagory :

publication year :

ADD

[← Back](#)

student5.jpg studentend4.jpg Show all

Type here to search

localhost/test/admin.php

Enter the book details then click **ADD** to be added :

bookID :

book Name :

author :

catagory :

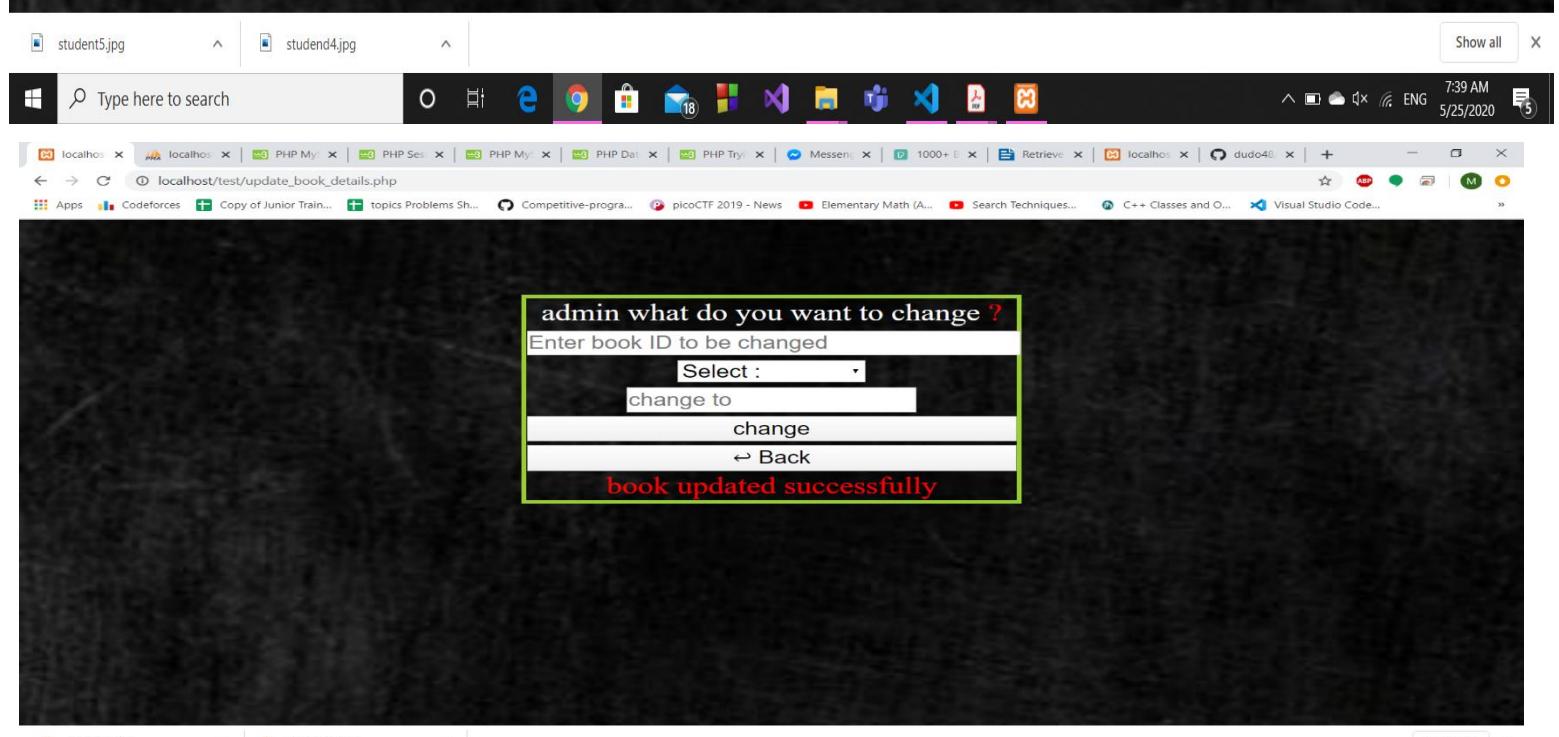
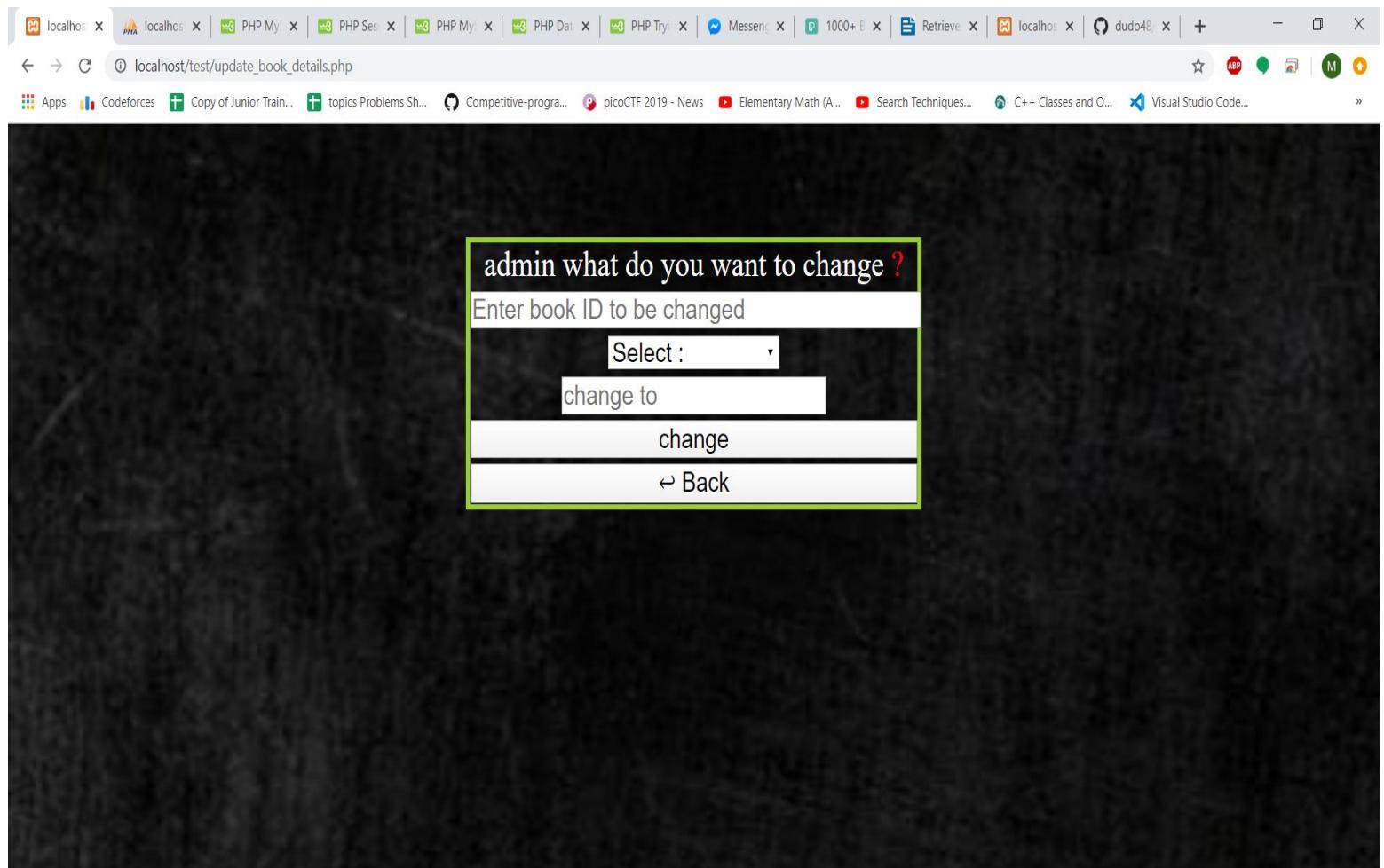
publication year :

ADD

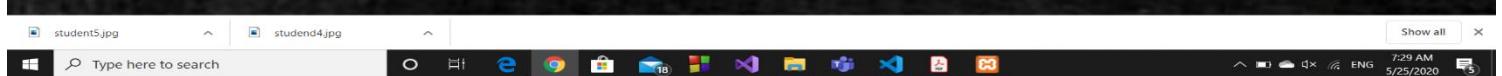
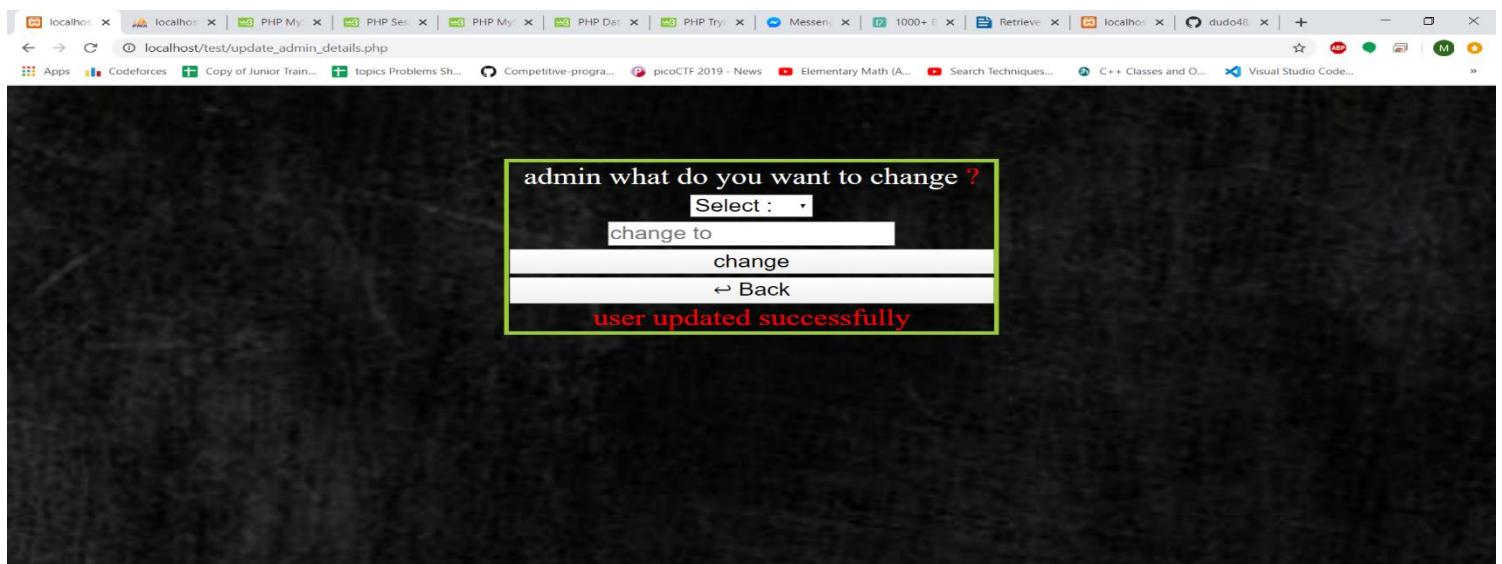
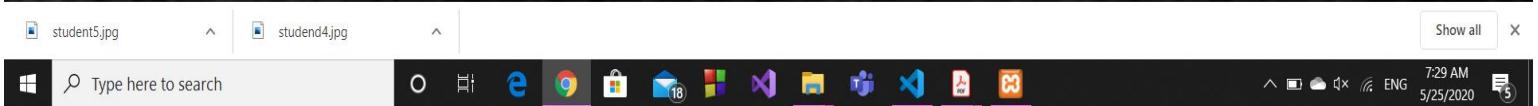
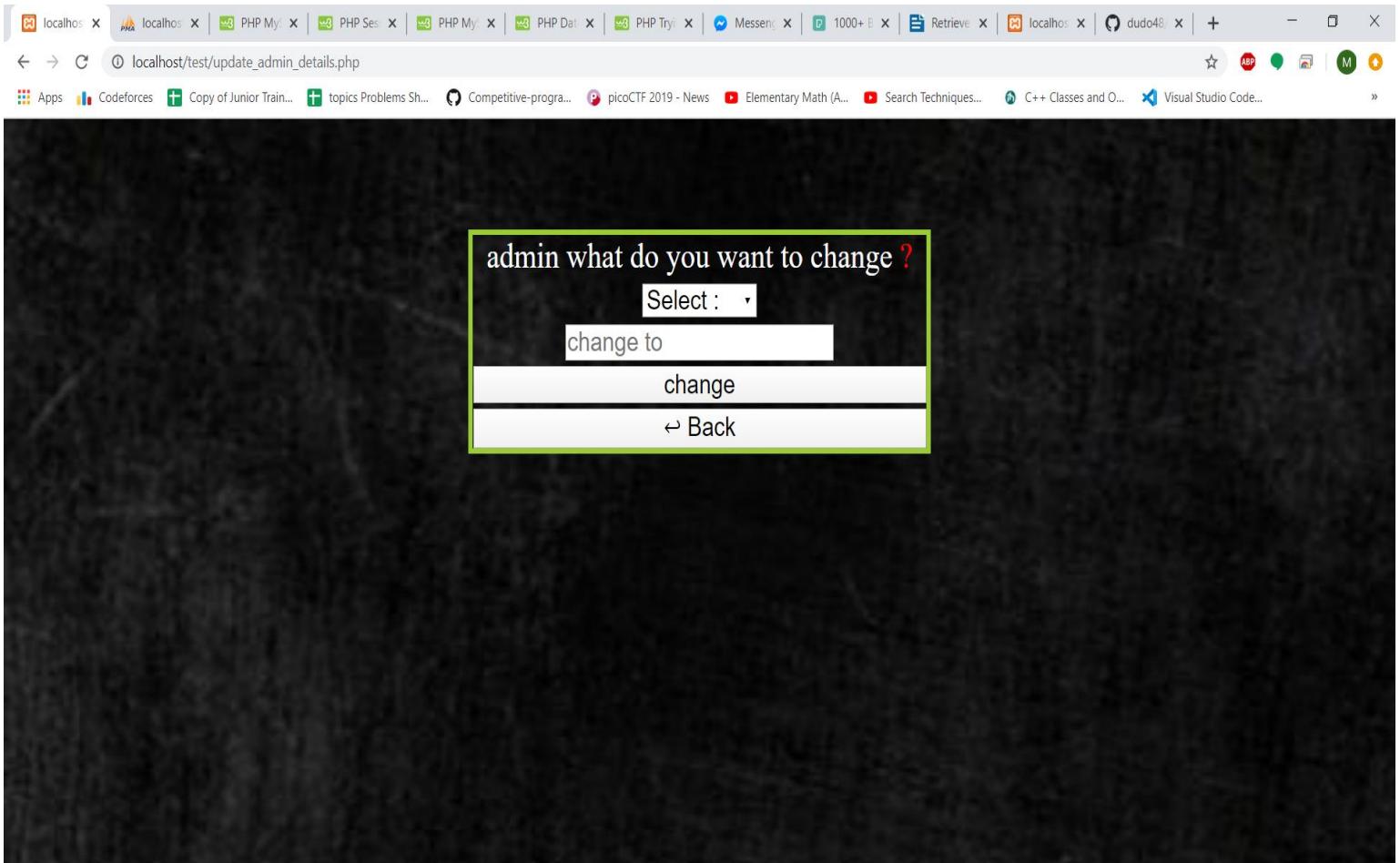
a new book added successfully

[← Back](#)

Update book details:



change admin details



after browsing books:

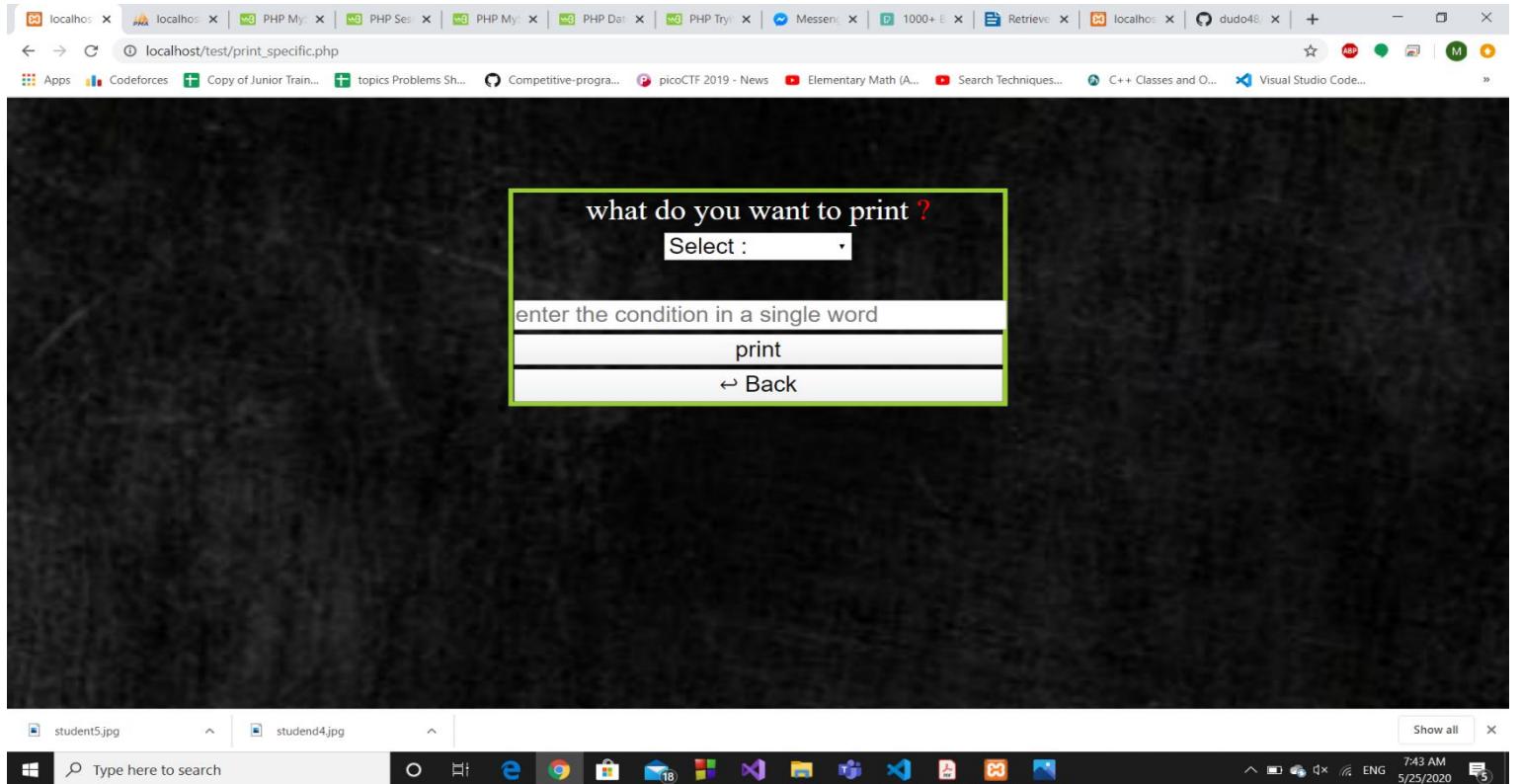
A screenshot of a Windows desktop with a web browser open. The browser window shows a table of book information with columns: bookname, catagory, author, publication Year, and ID. Below the table is a sidebar menu with green buttons for 'send mail for late borrowers', 'showing specific books', and 'Logout'. A red button at the bottom of the sidebar says 'Logout'.

bookname	catagory	author	publication Year	ID
Introduction to computerScience	ComputerScience	ElRamly	2019	cs251
Data Base	ComputerScience	ElDoctor	2018	db250
history of egypt	historic	taha hussin	2013	hist2002
Mangment	Eccnomic	Dr/Dina	1989	MANG12
math&algorithms	mathmatics	frenchman	2016	math250
math3	ryada	dr/omaer	2014	math356
newname	newcatagory	Mahmoud	202	noid00

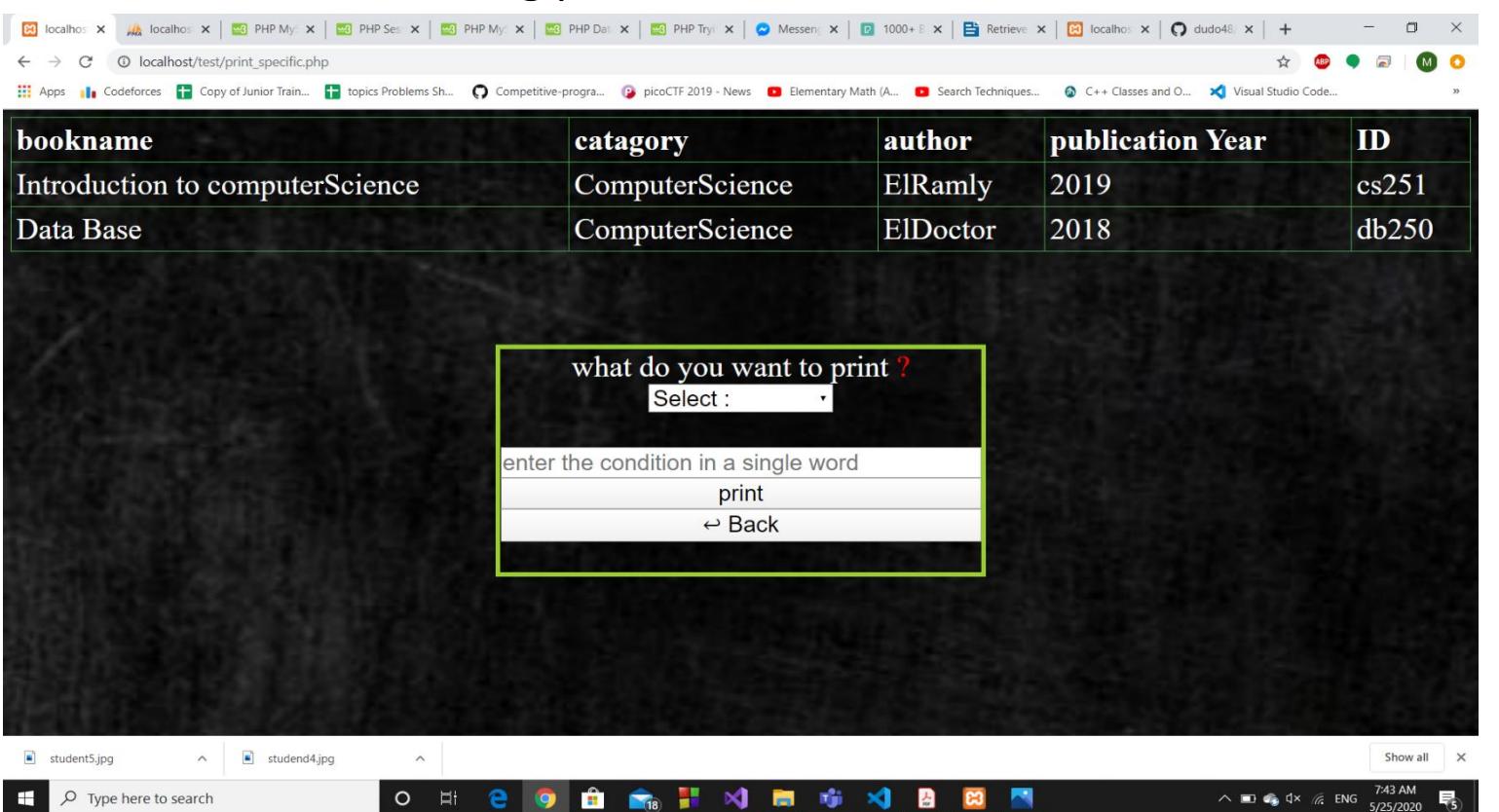
after clicking send mails for late borrowers :

A screenshot of a Windows desktop with a web browser open. The browser window shows a sidebar menu with green buttons for 'Update Your Details', 'Add a book', 'Update a book details', 'Browsing books', 'send mail for late borrowers', 'showing specific books', and 'Logout'. A red button at the bottom of the sidebar says 'Logout'. At the bottom of the sidebar, there is a red message box containing the text 'there is 2 late borrowers and alert email sent'.

show books with specific criteria :



after clicking print :



Student pages

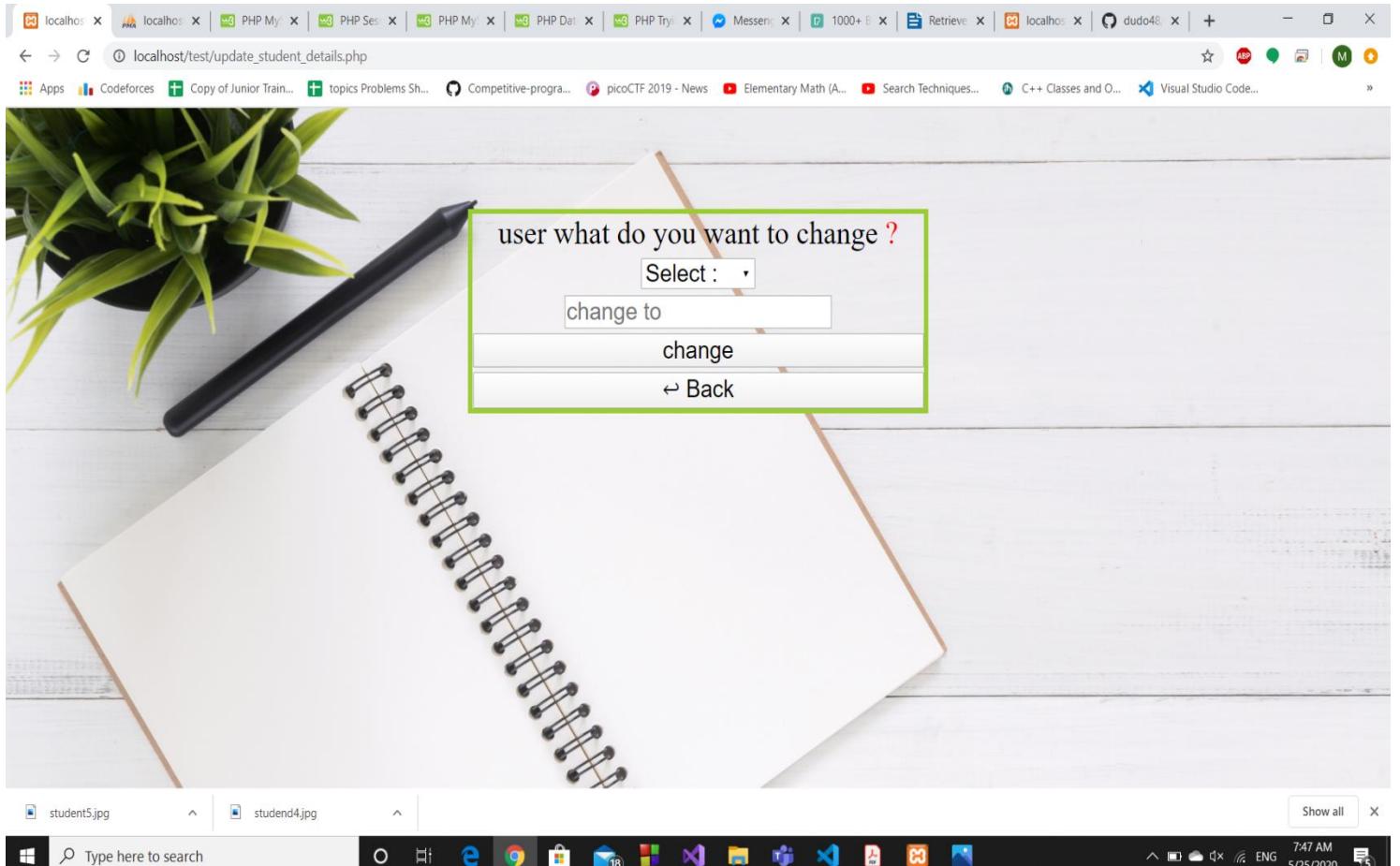
Student main page :

The screenshot shows a web browser window with multiple tabs open at the top, including various PHP-related pages and a Visual Studio Code tab. The main content area displays a web page titled "Welcome would you want to". A green sidebar on the left contains the following buttons:

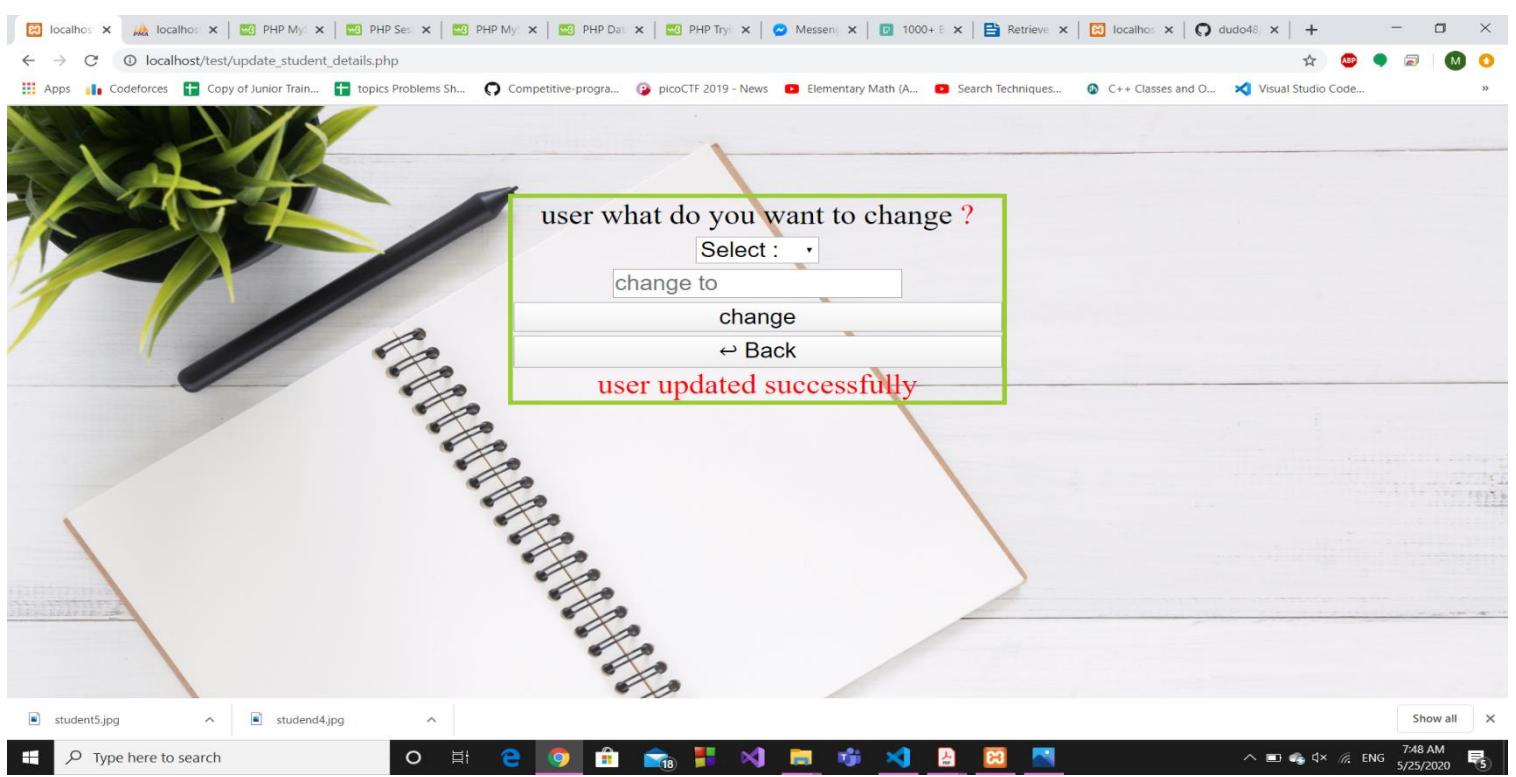
- Update your Details
- Borrow a book
- return a book
- extending borrowing period
- Browsing books
- Logout

The "Logout" button is highlighted with a red background. The background of the page is a blurred image of a library with bookshelves.

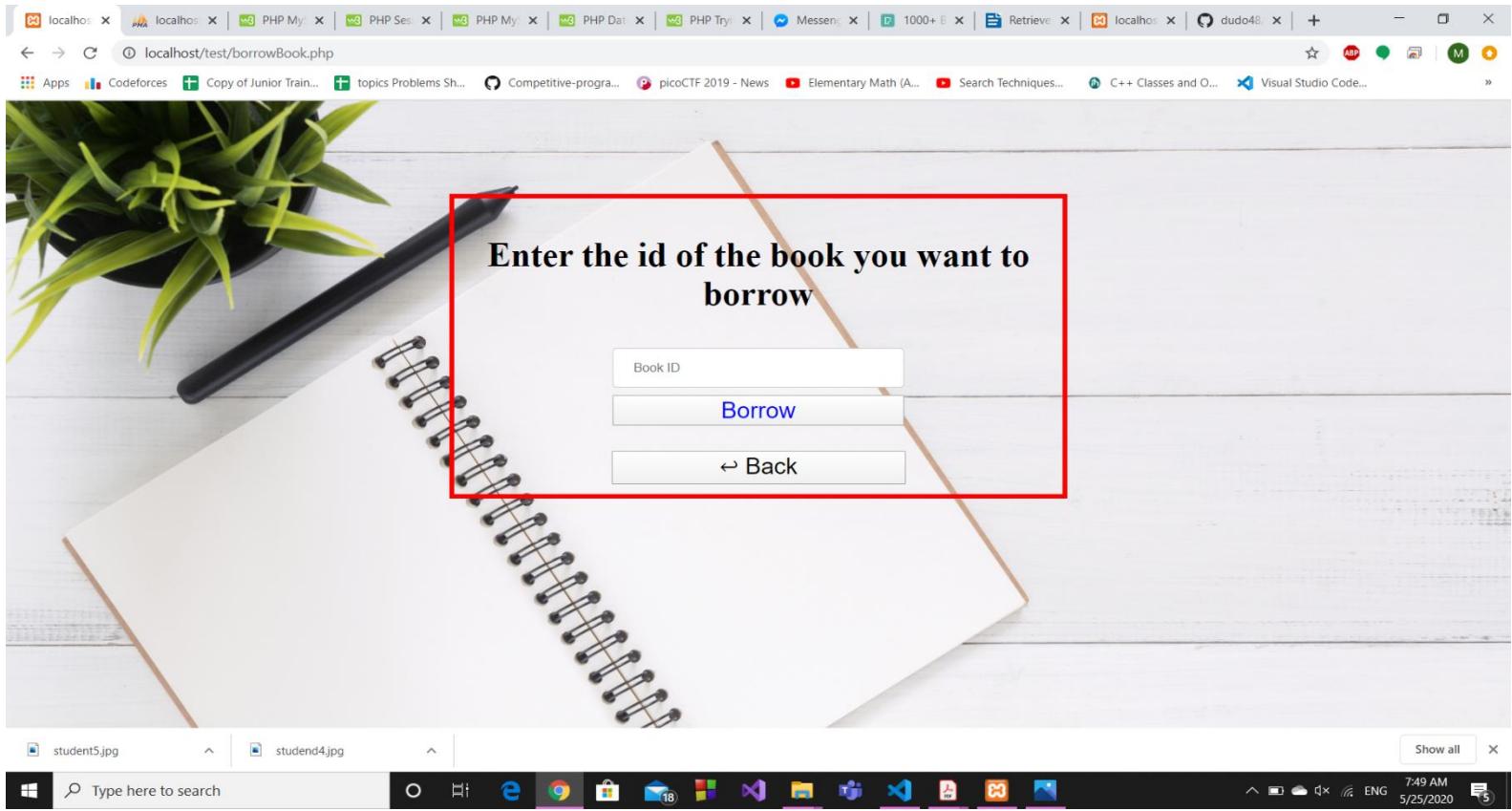
Change student details:



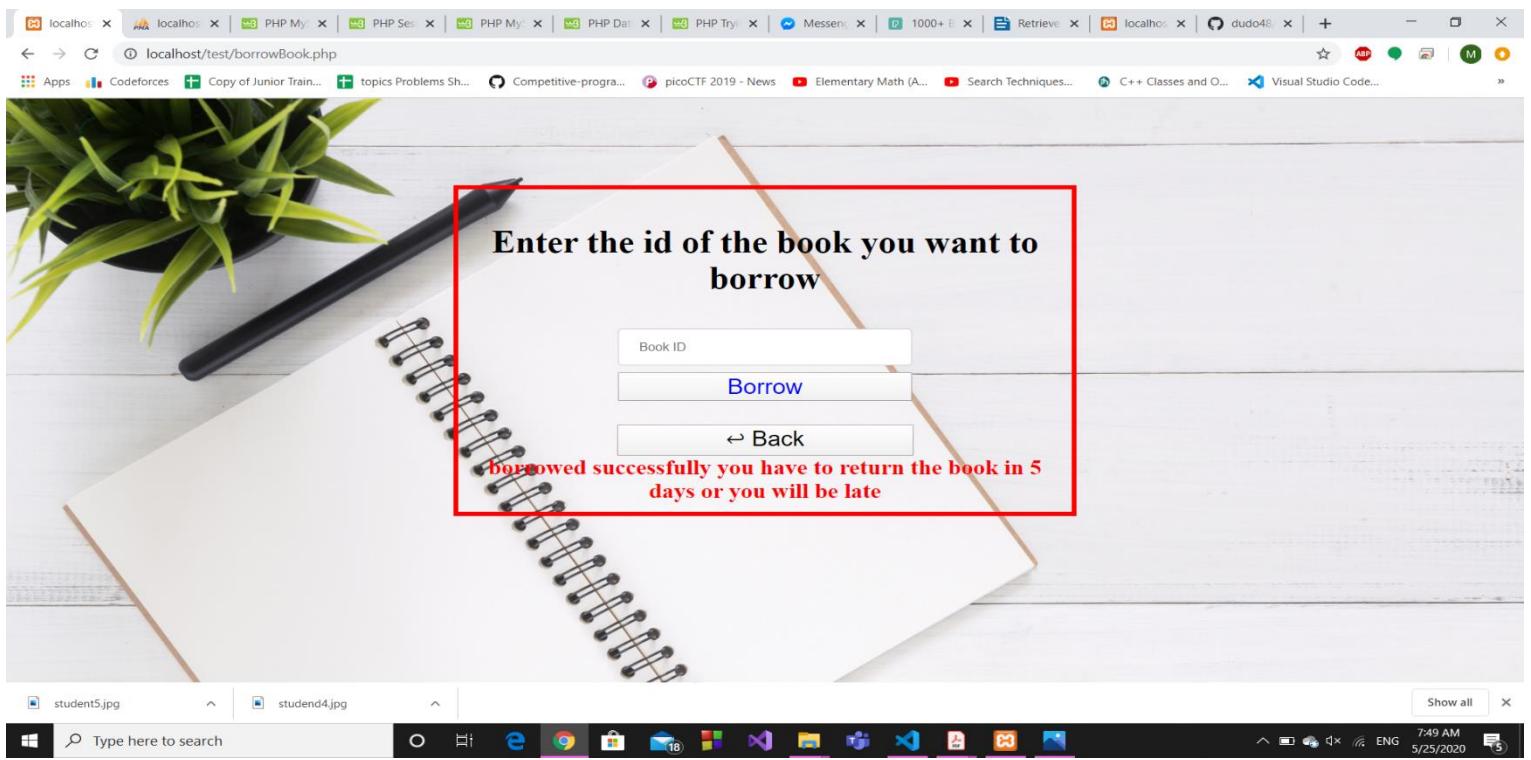
After changing user details:



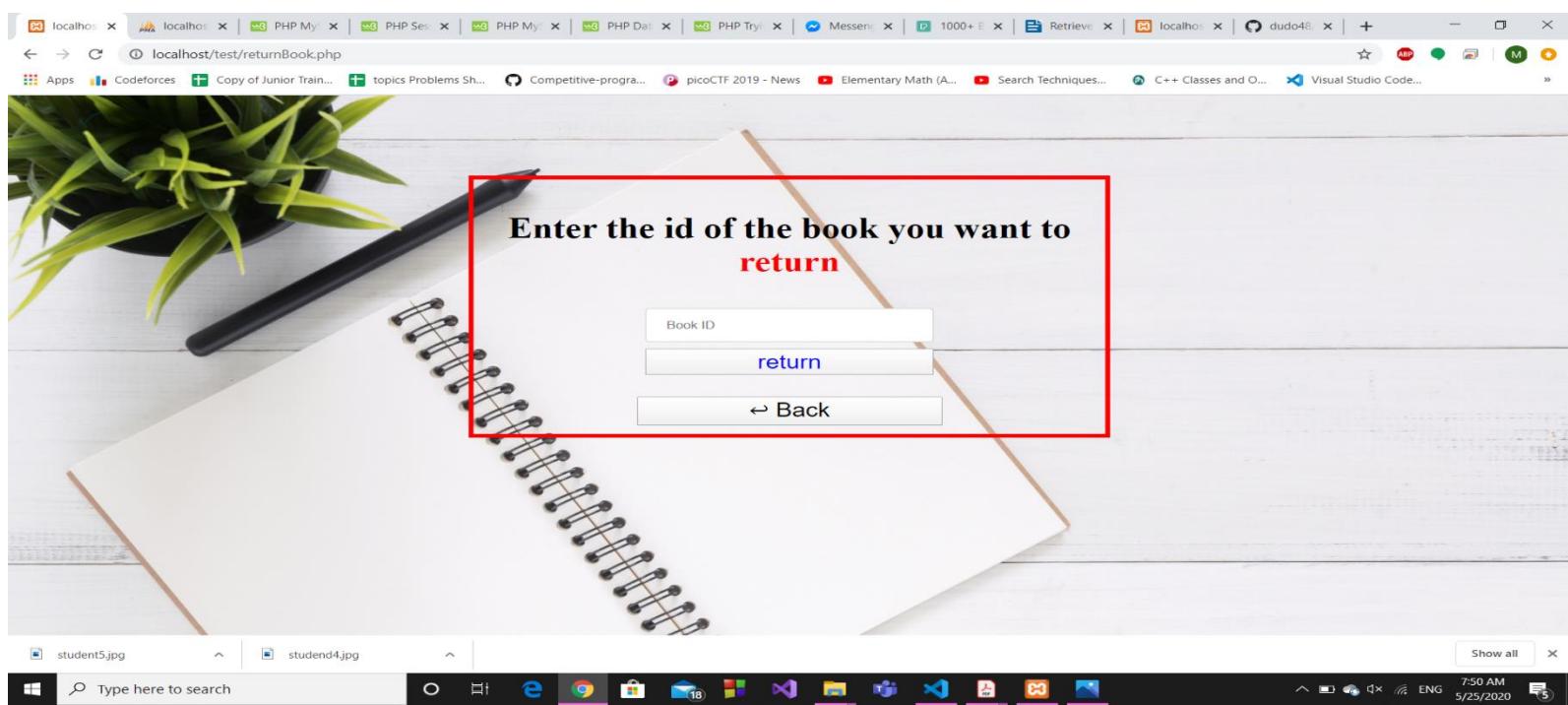
Borrowing book :



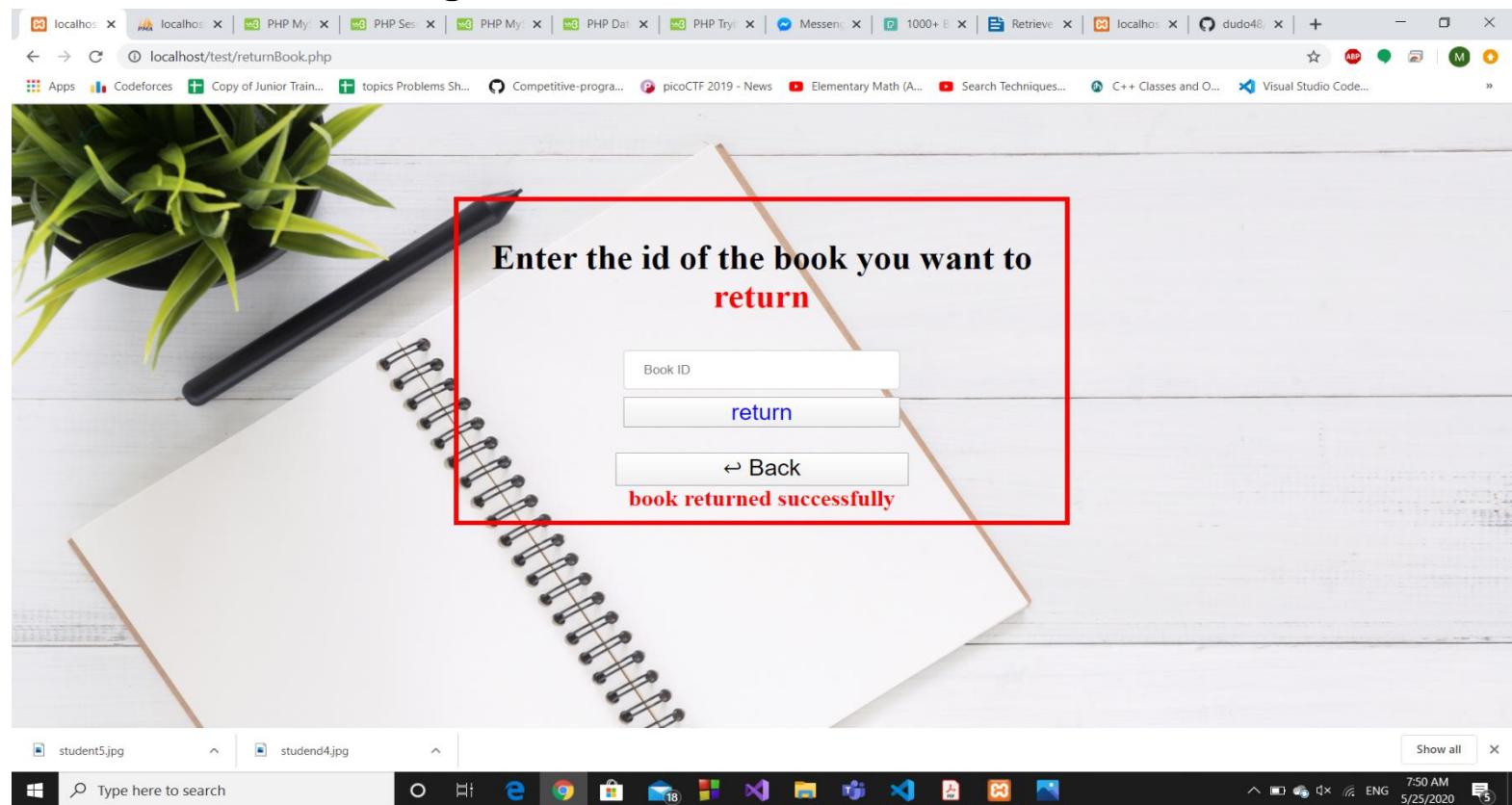
After borrowing the book :



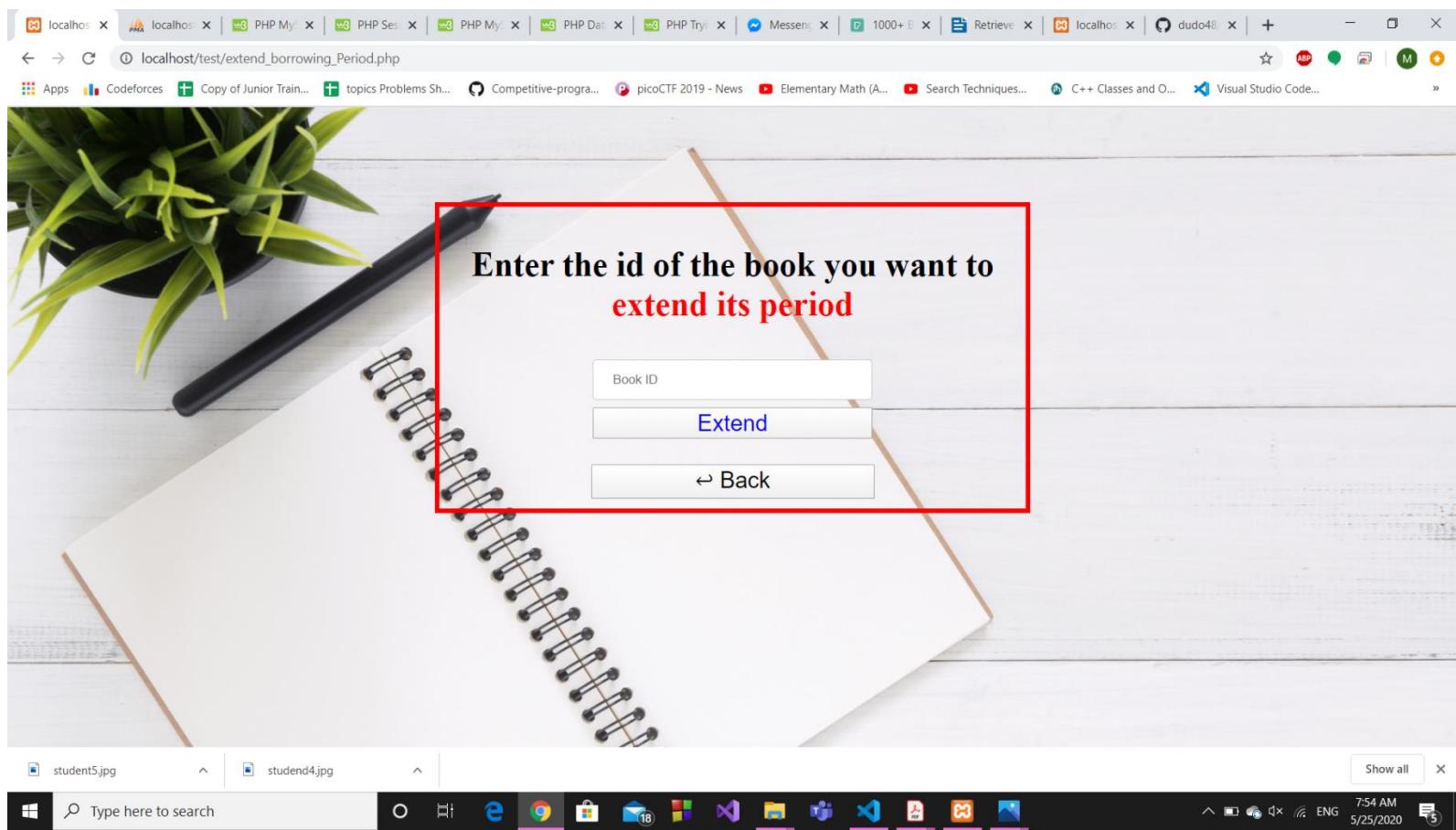
Return a book:



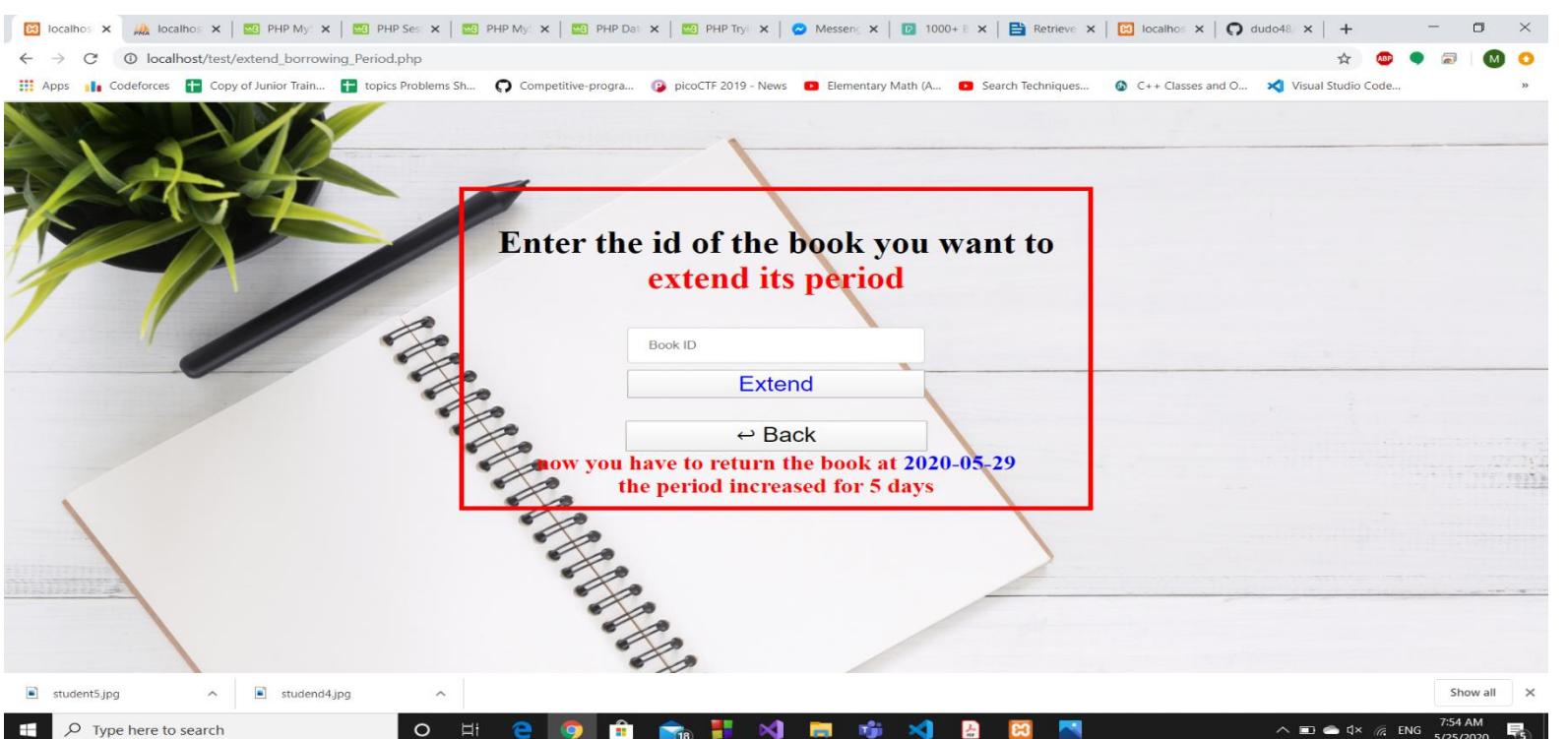
After returning the book:



Extend a borrowing period of a book:



After extending period:



Browsing books :

localhost/test/mainstudent.html

return a book

extending borrowing period

Browsing books

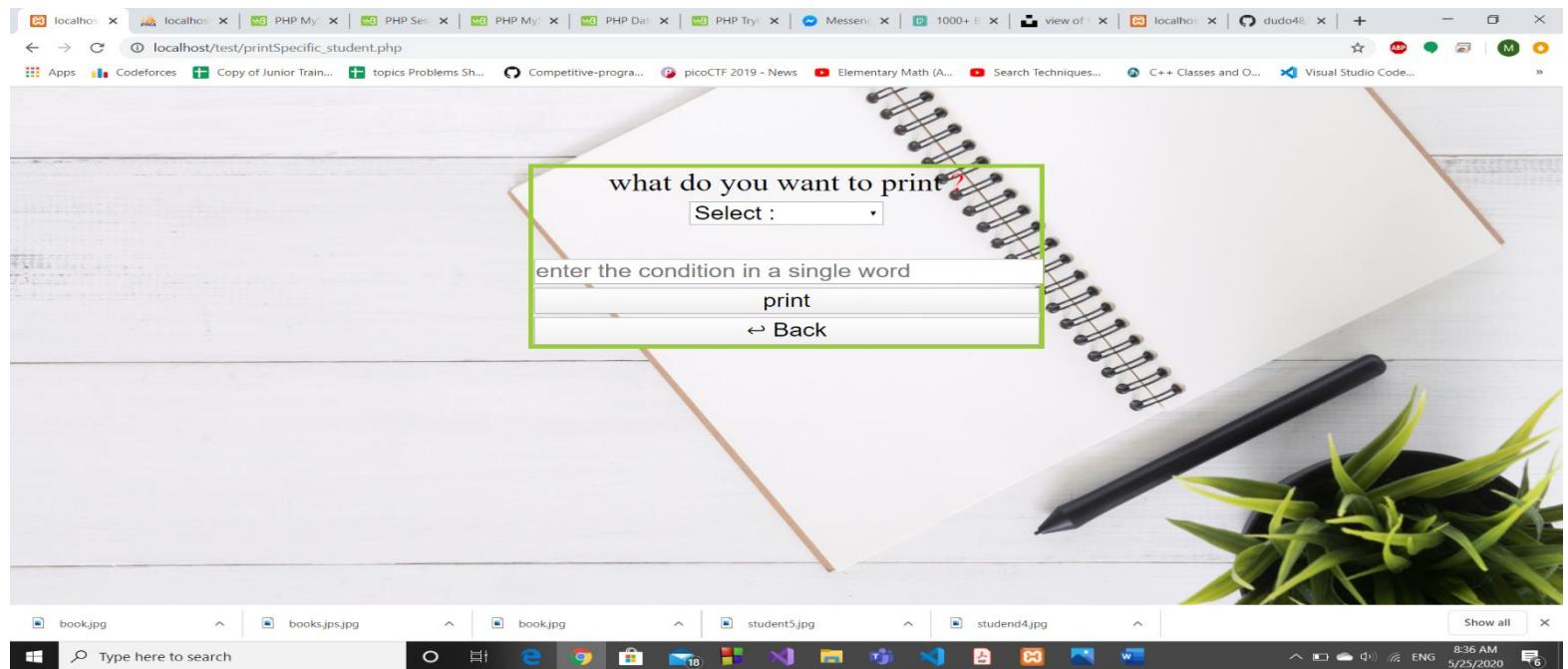
Logout

bookname	catagory	author	publication Year	ID
Introduction to computerScience	ComputerScience	ElRamly	2019	cs251
Data Base	ComputerScience	ElDoctor	2018	db250
history of egypt	historic	taha hussin	2013	hist2002
Mangment	Eccnomic	Dr/Dina	1989	MANG12
math&algorithms	mathematics	frenchman	2016	math250
math3	ryada	dr/omaer	2014	math356
newname	newcatagory	Mahmoud	202	noid00

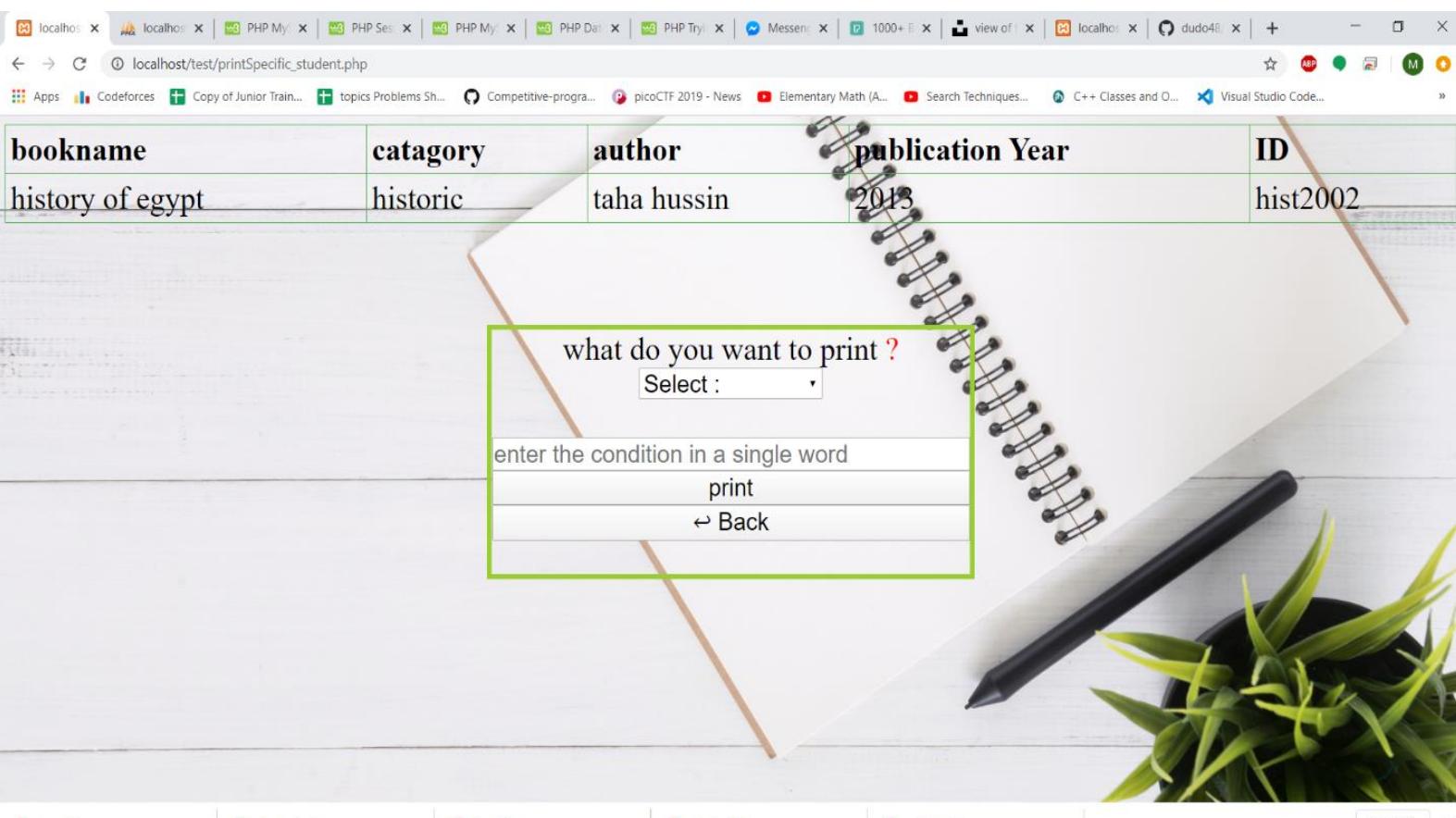
book.jpg books.jpgs.jpg book.jpg student5.jpg student4.jpg

Type here to search 8:17 AM 5/25/2020 ENG 6

print books with certain criteria:

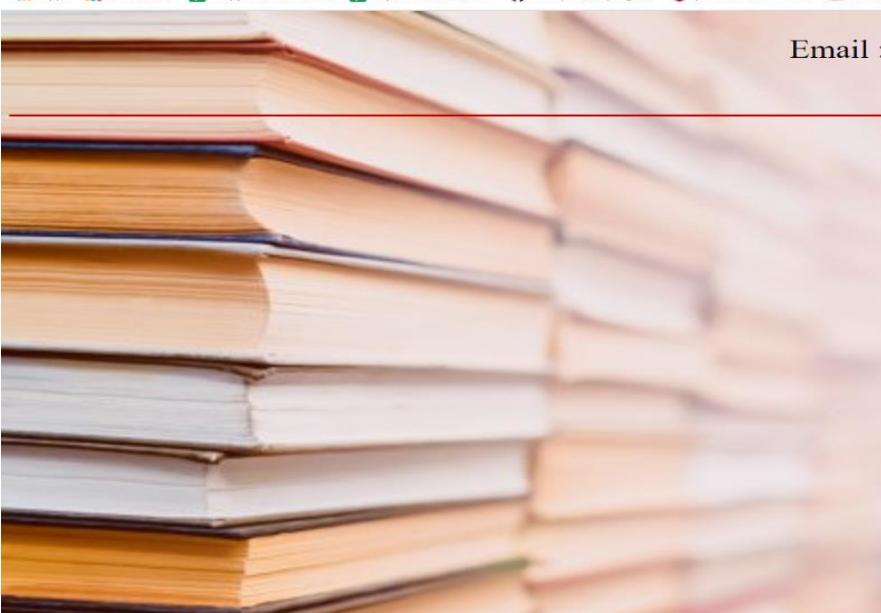


after printing :[category:historic]



Invalid inputs screen shoots (errors)

1) invalid name or password during sign in



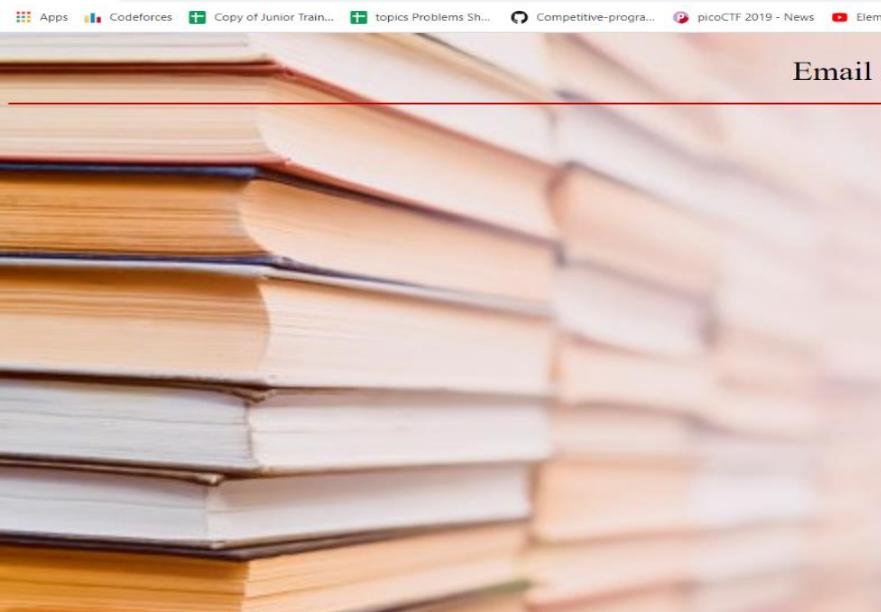
A screenshot of a web browser window. The address bar shows "localhost/Project/index.php". The main content area displays a sign-in form with fields for "Email" and "Password". Below the form, a message says "invalid email or password". To the right, there is a registration form with fields for "Name", "Password", and "Email", and radio buttons for "Admin" and "User". A "Register" button is at the bottom of this form.

Email : Password : Signin
invalid email or password

Don't have an account ? fill out the following details to get one

Name :
Password :
Email :
 Admin User
Register

Wrong email during register



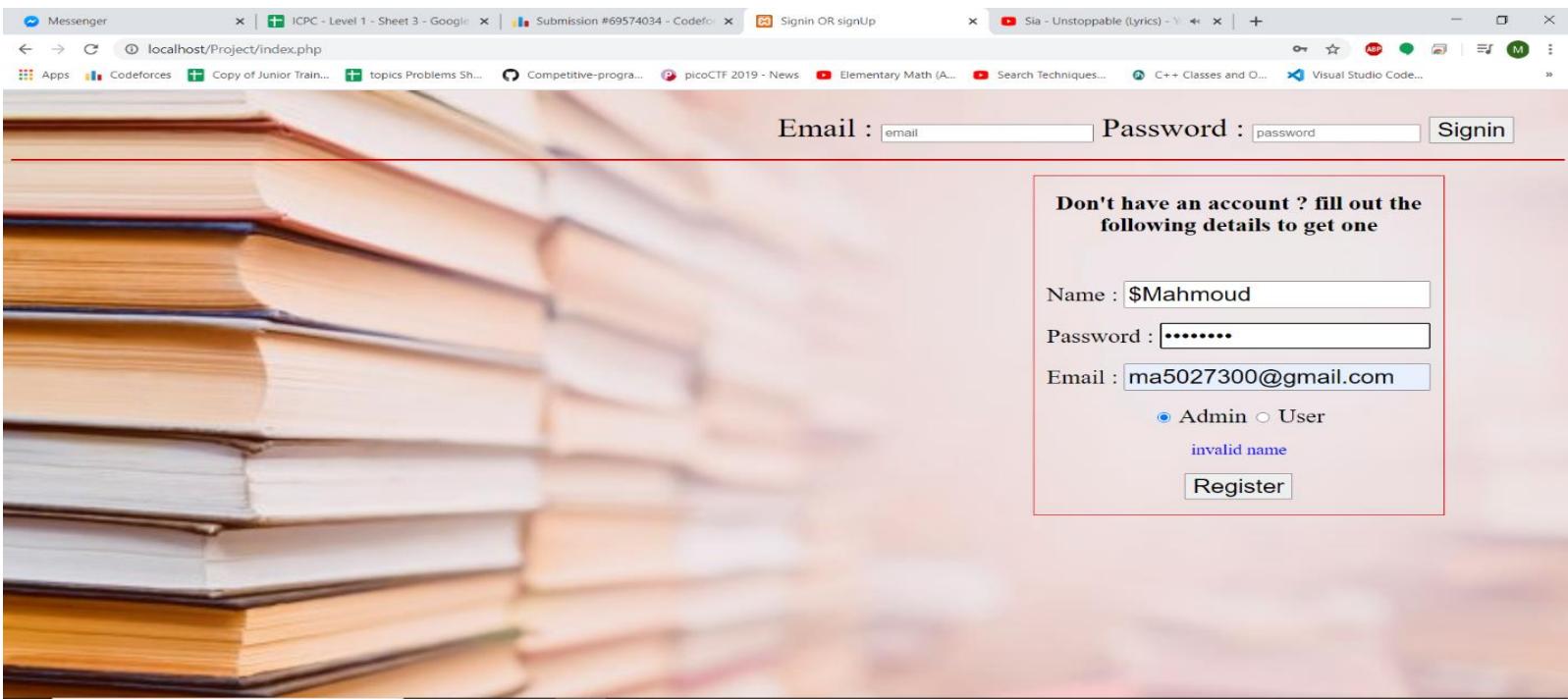
A screenshot of a web browser window. The address bar shows "localhost/Project/index.php". The main content area displays a sign-in form with fields for "Email" and "Password". Below the form, a message says "invalid email address". To the right, there is a registration form with fields for "Name", "Password", and "Email", and radio buttons for "Admin" and "User". A "Register" button is at the bottom of this form.

Email : Password : Signin
invalid email address

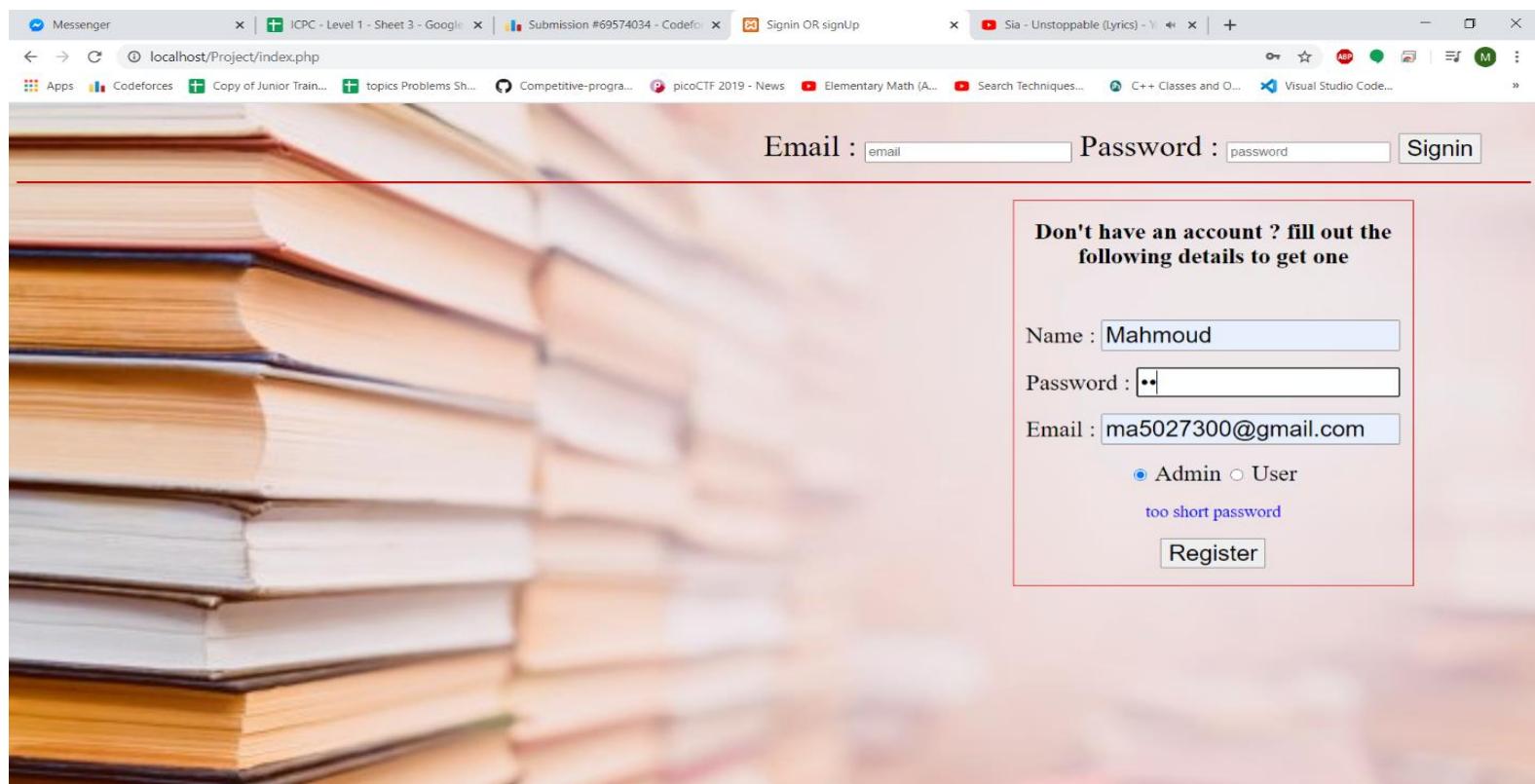
Don't have an account ? fill out the following details to get one

Name :
Password :
Email :
 Admin User
Register

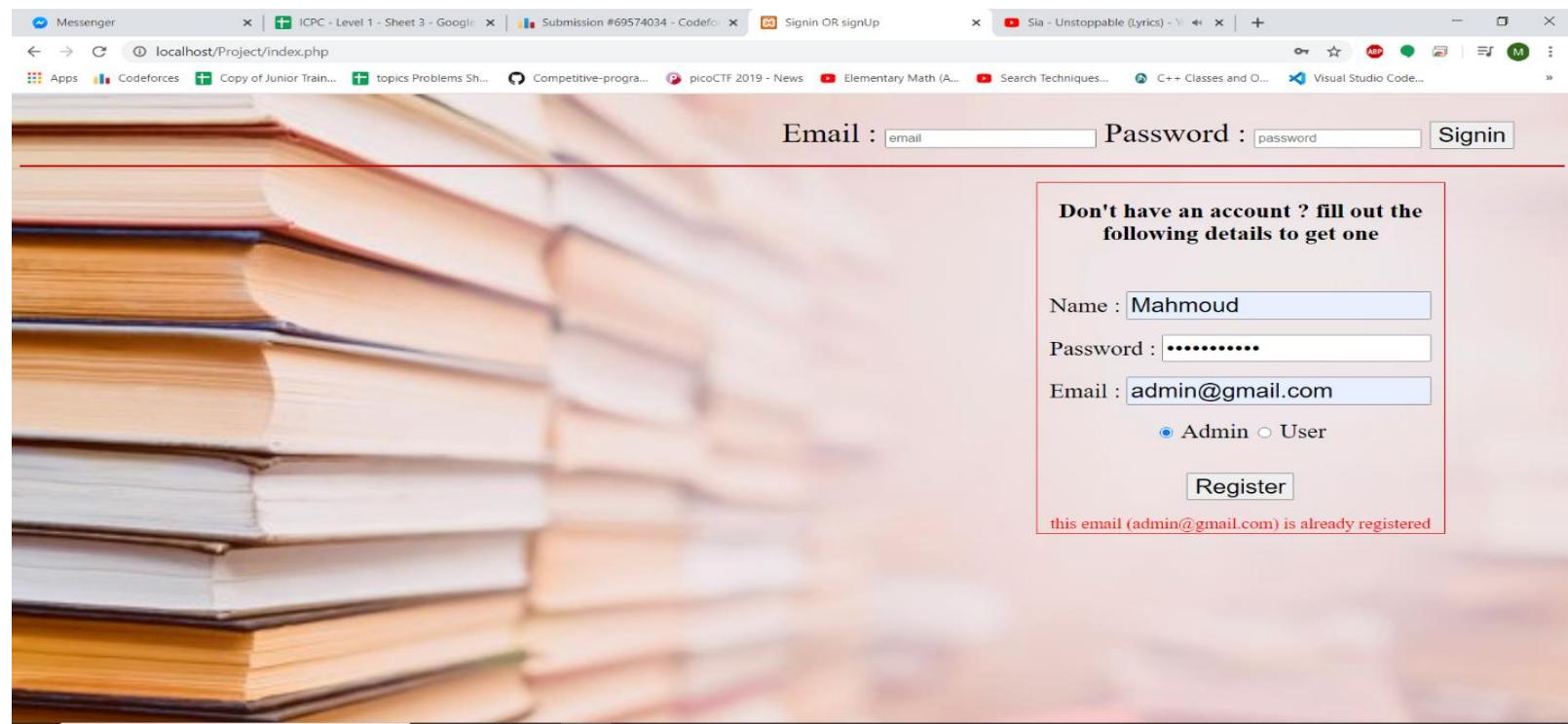
Invalid name during register



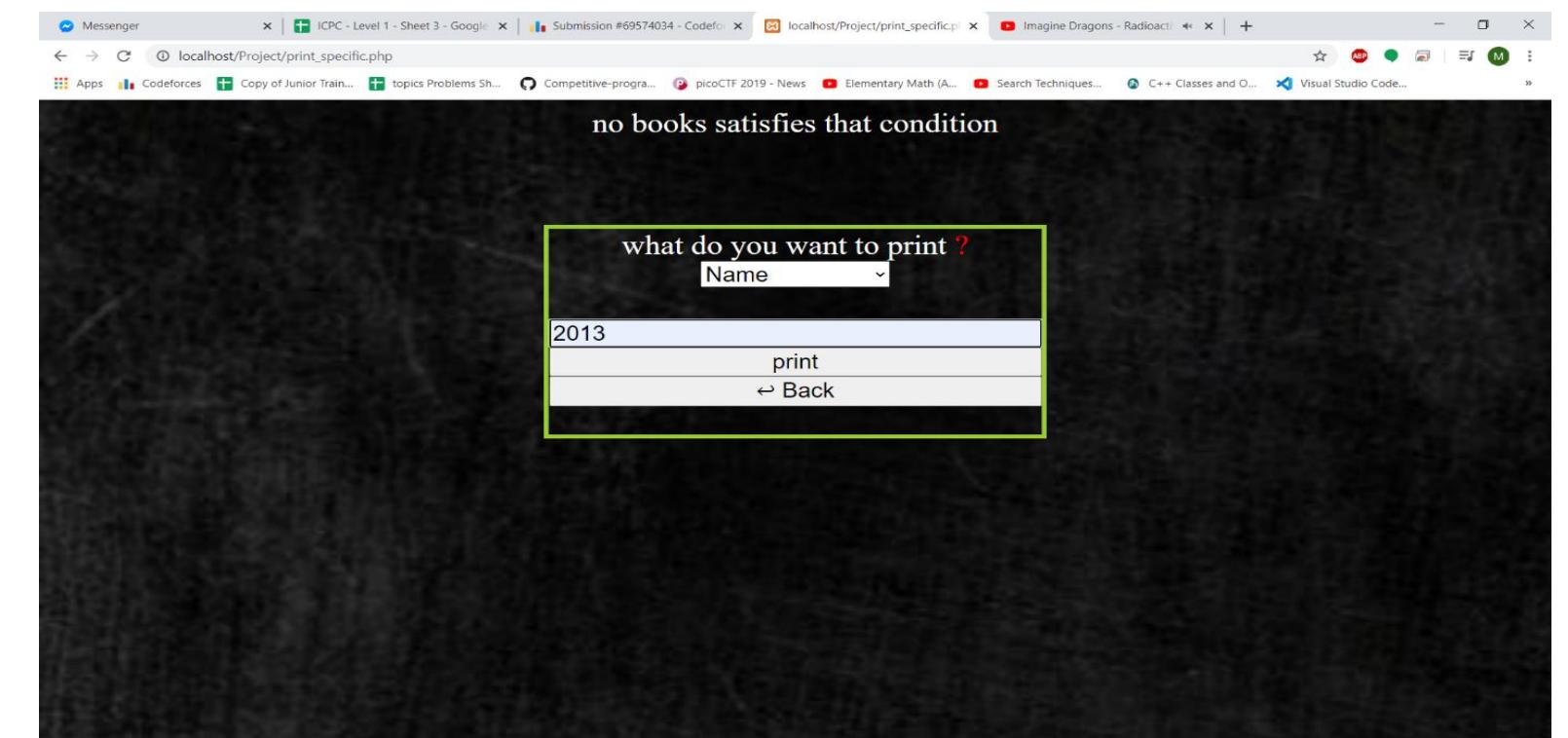
Short password during register



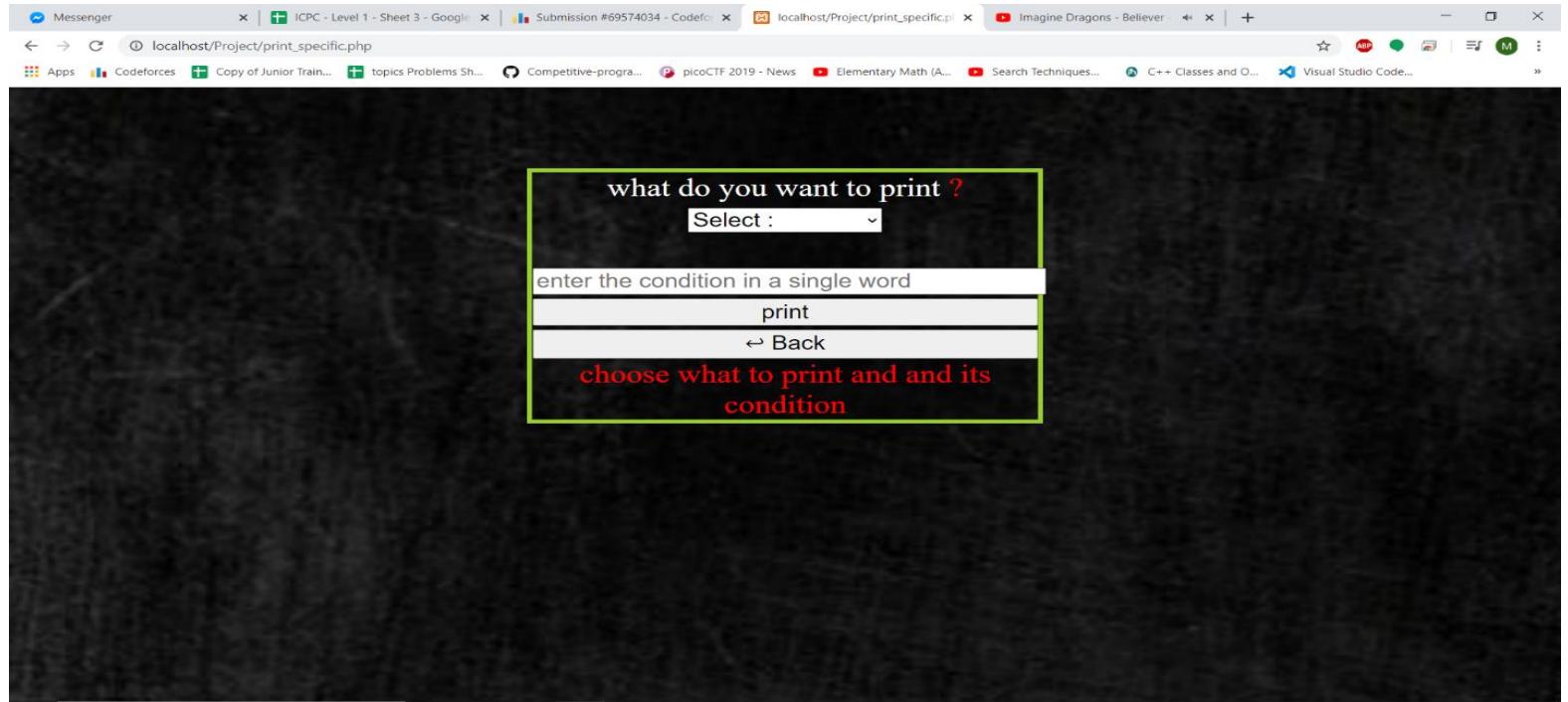
Already registered email during register



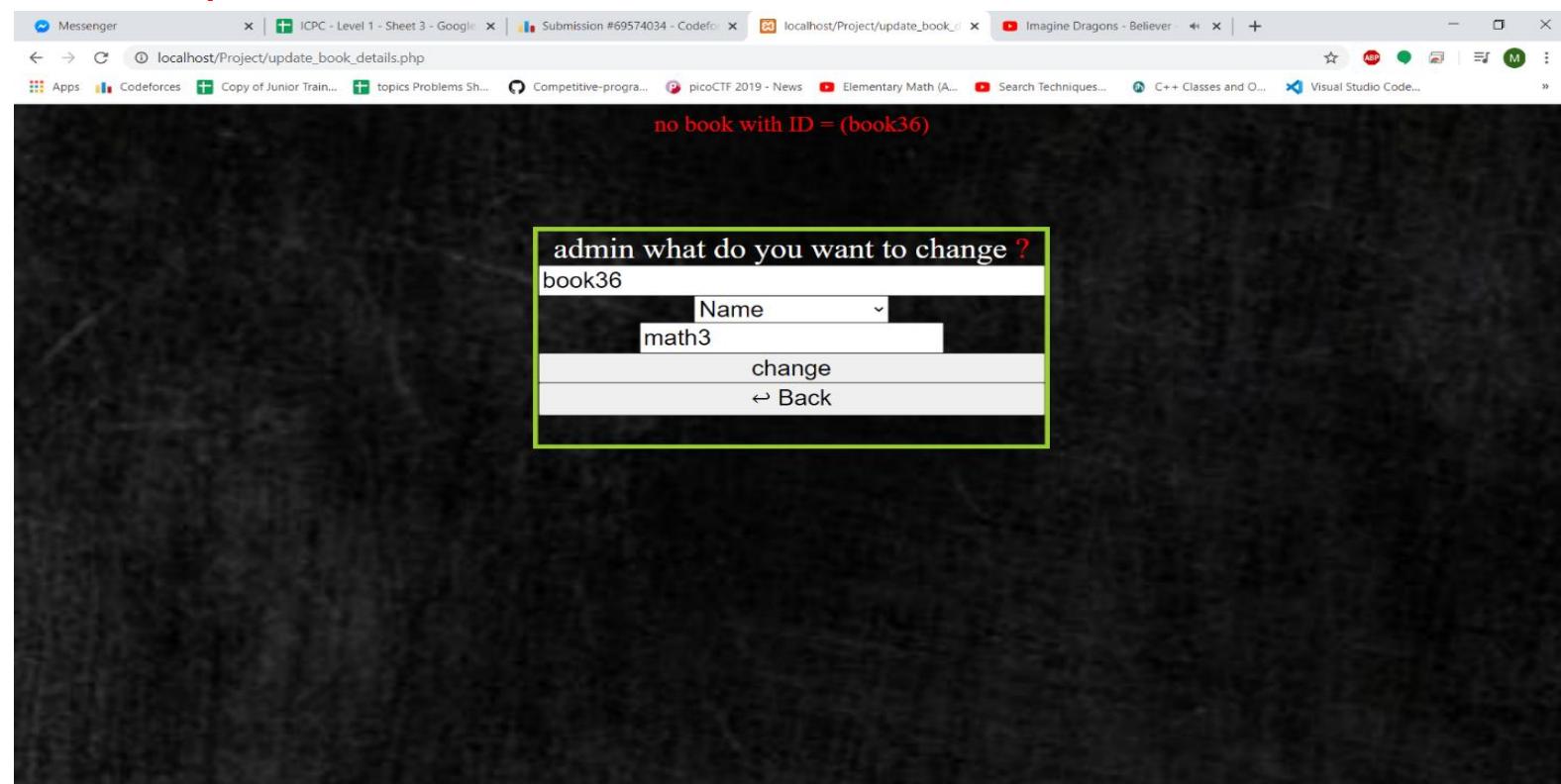
No book with that condition (name =2013) to be printed **show books with certain condation** (this error could happen for both student and admin)



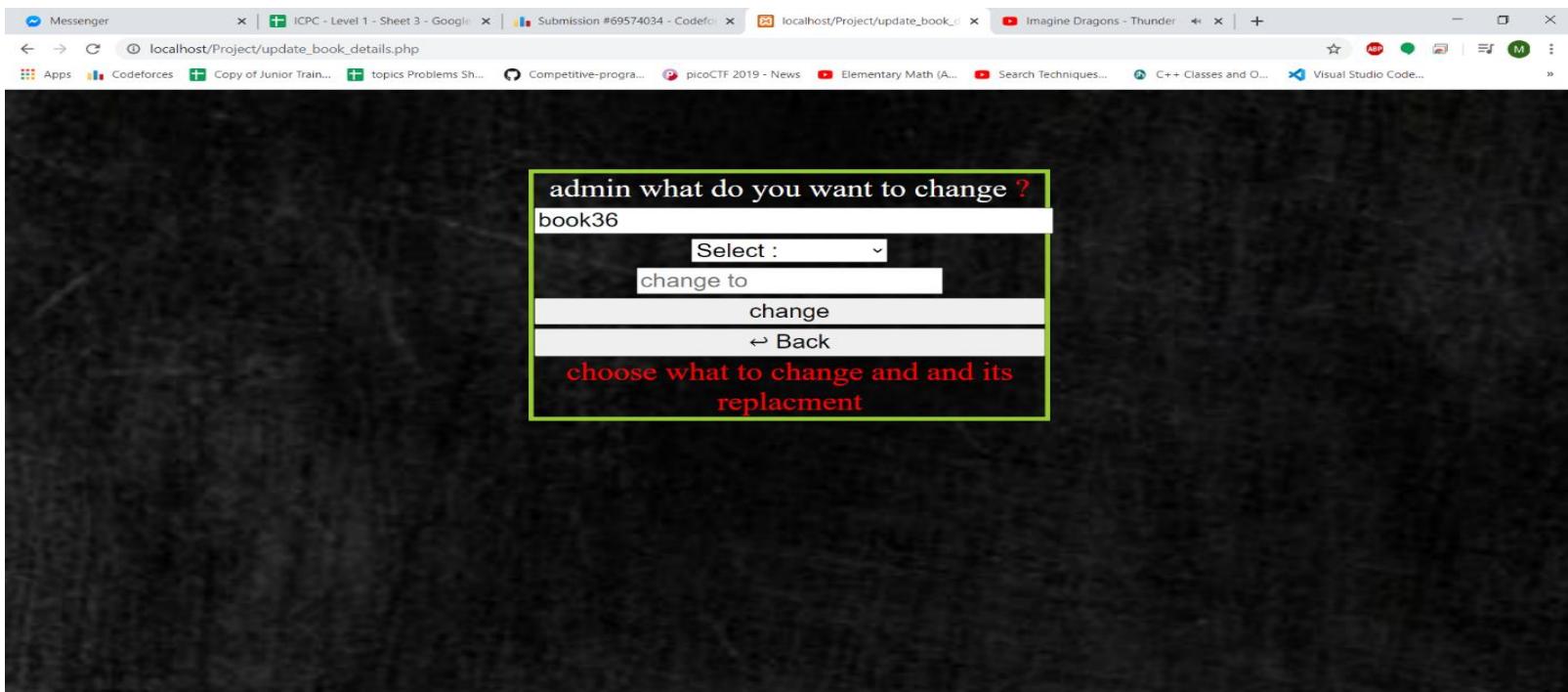
empty inputs error during printing books with specific condition



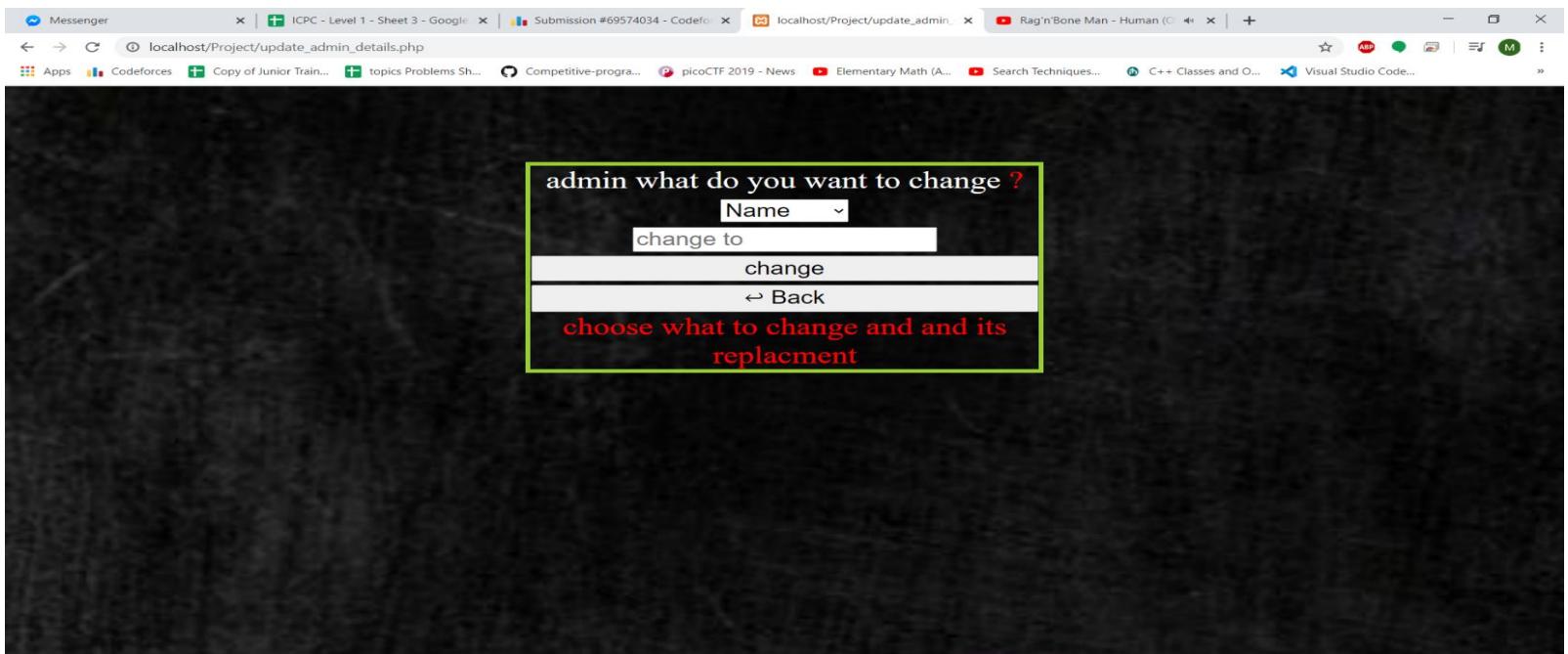
wrong id (book does not exist)during update book details



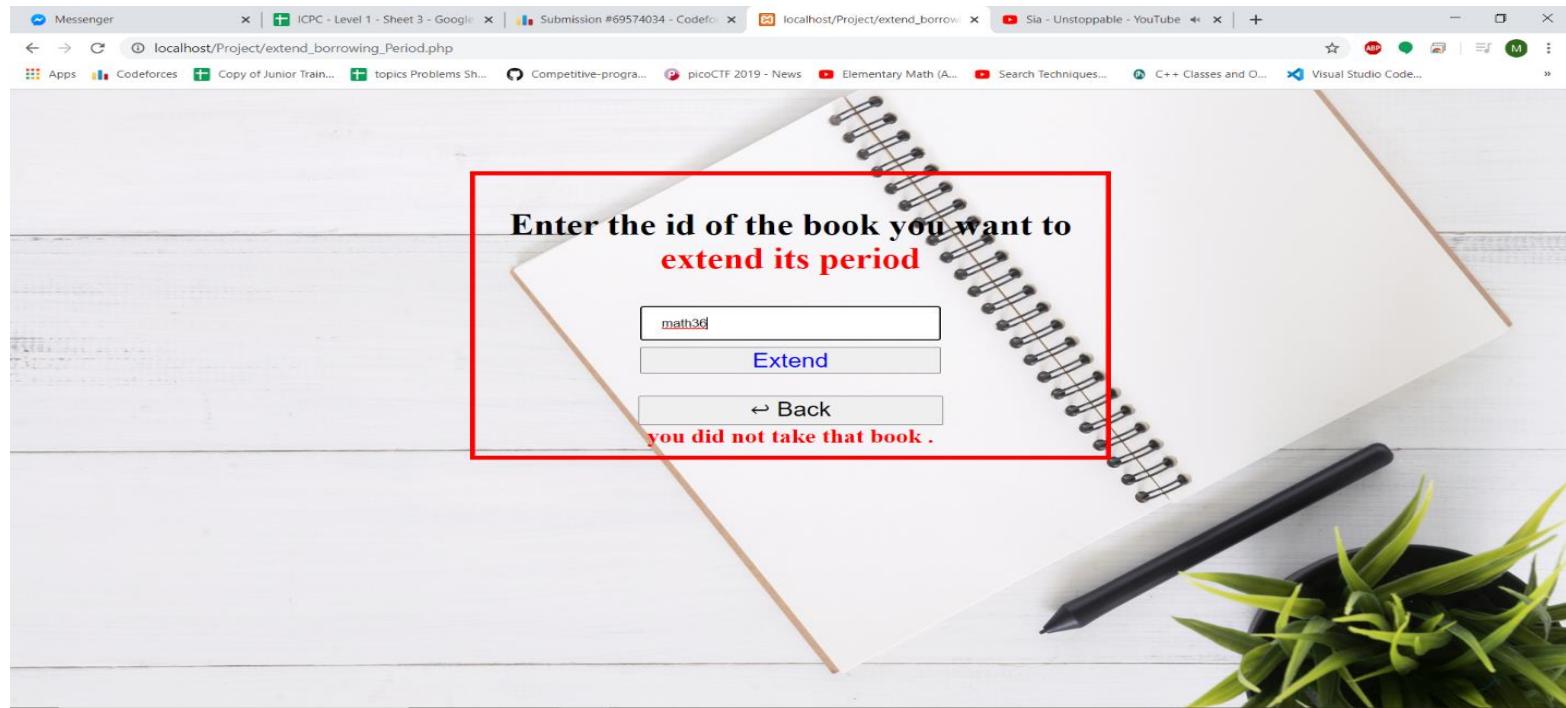
empty input(change to) during update book details



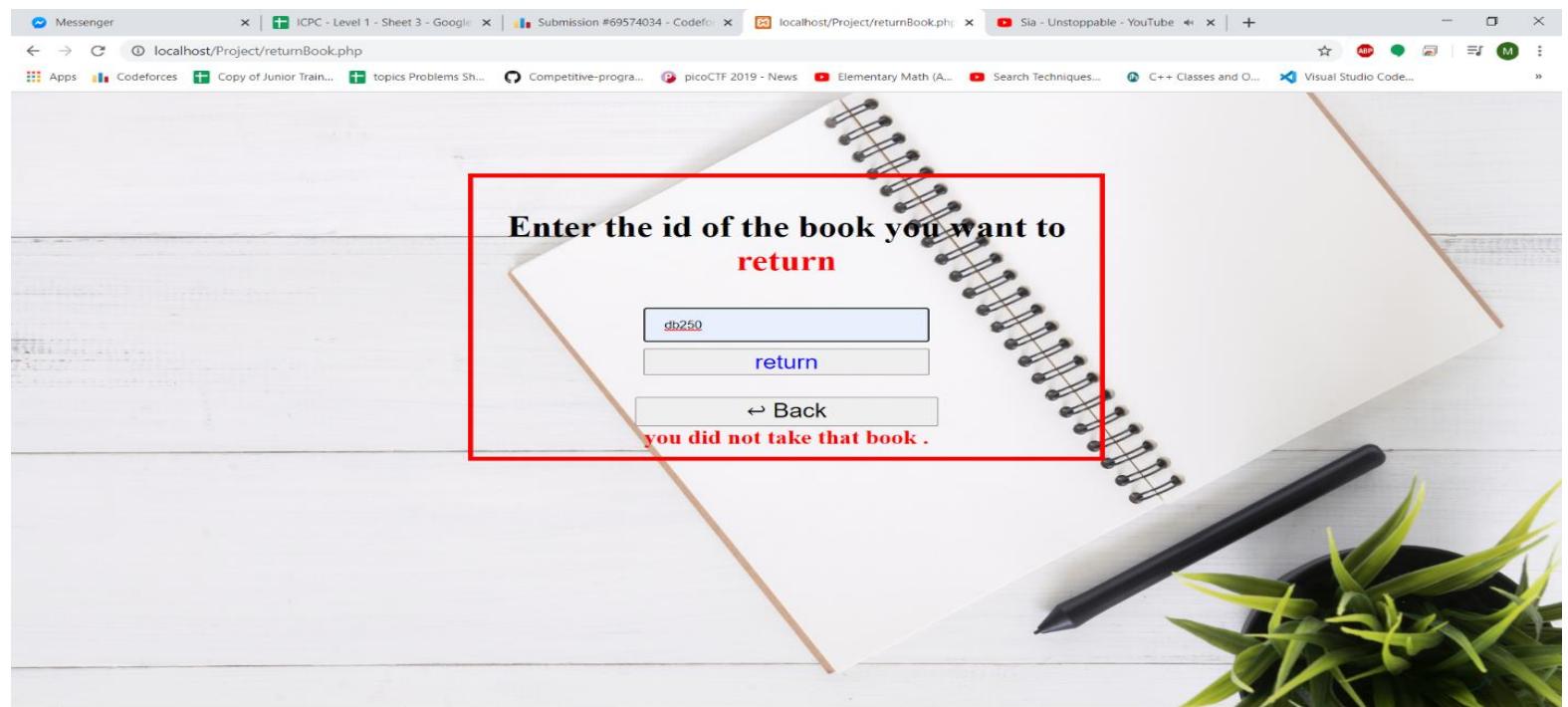
empty inputs (the same error happen for students) during change user details



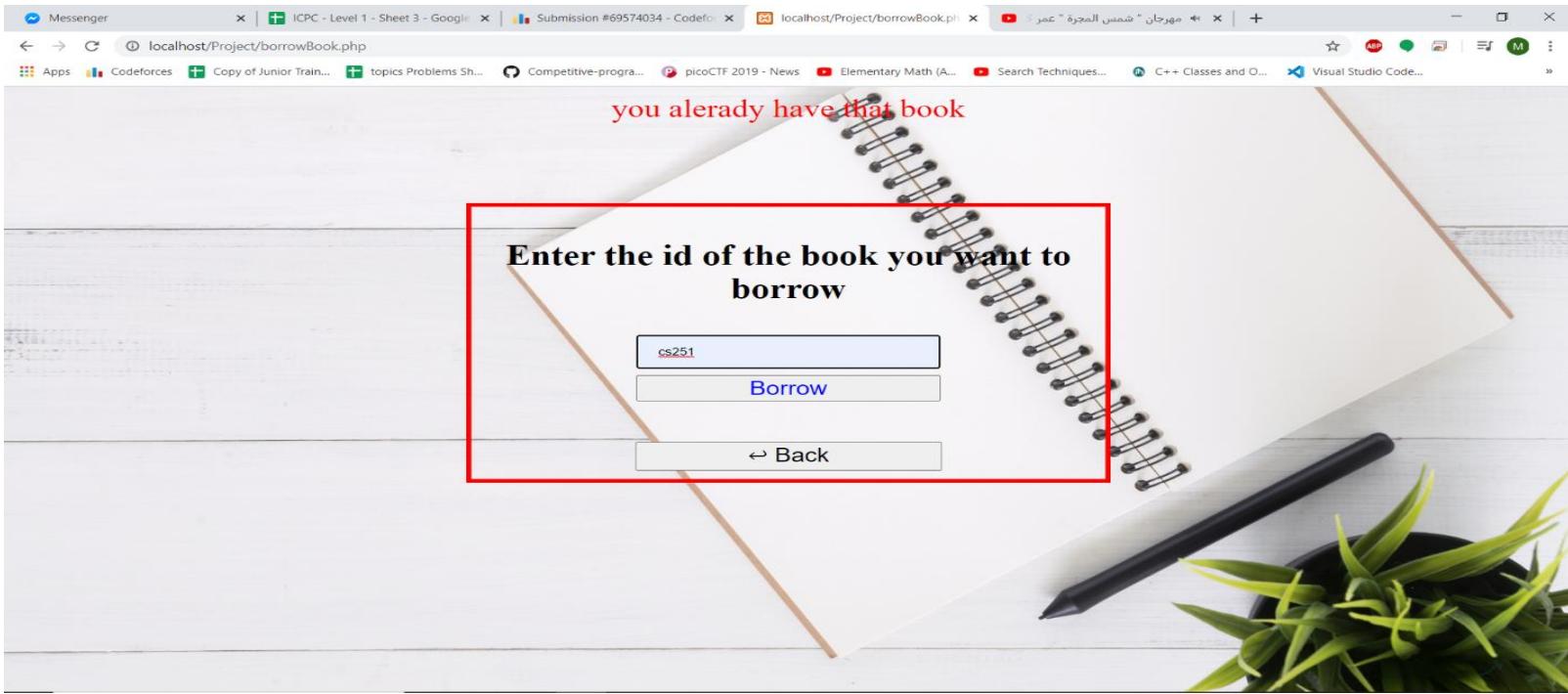
the student enter a book id that he didn't borrow he
can't extend its period during extend borrowing period .



the student enter a book id that he didn't borrow he
can't return it during return a book .



error borrowing the same book twice .
during **borrow a book** for student



the student enters an id of a book that doesn't exist
in the library during **Borrow a book**

