CSE 403 PROJECT

ASSIGNMENT -II

TOPIC : - STUDENT MARKS PERCENTAGE CALCULATOR

NAME :- PARYANT NAUTIYAL

REGISTRATION NO. :- 11614721

INTRODUCTION

THE PROJECT IS DESIGNED TO CALCULATE PERCENTAGE OF A STUDENT.

ALSO FACILITATES OTHER OPTIONS FOR ADMIN

LIKE :

1. LOGIN

2. ENTER SUBJECT INFORMATION

3. DELETE STUDENT INFORMATION

4. VIEW DETAILS

IN THE SECTION VIEW DETAILS ADMIN CAN SEE PERCENTAGE AND NAME AND SECTION OF A STUDENT BASED ON THE ENTERED ID;.

THE PROJECT IS DIVIDED INTO 4 MODULES , THE DATA IS STORED IN THE DATABASE(MYSQL) :-

DATABASE NAME :- “CSE\_PROJECT”

INSIDE THE DATABASE THREE TABLES HAVE BEEN CREATED , STUDENT\_INFO , STUDENT\_SUBJECT\_MARKS AND ADMIN.

THE FIRST TABLE, STUDENT\_INFO CONTAINS INFORMATION ABOUT STUDENTS NAME , ID ,AND PERCENTAGE.

THE SECOND TABLE STUDENT\_SUBJECT\_MARKS CONTAINS INFORMATION ABOUT MARKS OBTAINED IN EACH SUBJECT.

AND THE ADMIN TABLE CONTAINS INFORMATION LIKE ID NAME AND PASSWORD OF ADMIN.

THE PROJECT USE MYSQL AS DATABASE AND PHP FOR FUNCTIONING ,

HTML , CSS AND JAVASCRIPT FOR DESIGNING THE WEB PAGE.

WITH PHP(HYPERTEXT PREPROCESSOR) WE CONNECT TO DATABASE IN MYSQL USING THE FOLLOWING CODE (MODULE NAME **CONFIG.PHP** ):

<?php

$servername = "localhost";

$username = "root";

$password = "paryant";

$db="CSE\_PROJECT";

// Create connection

$conn = new mysqli($servername, $username, $password);

// Check connection

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

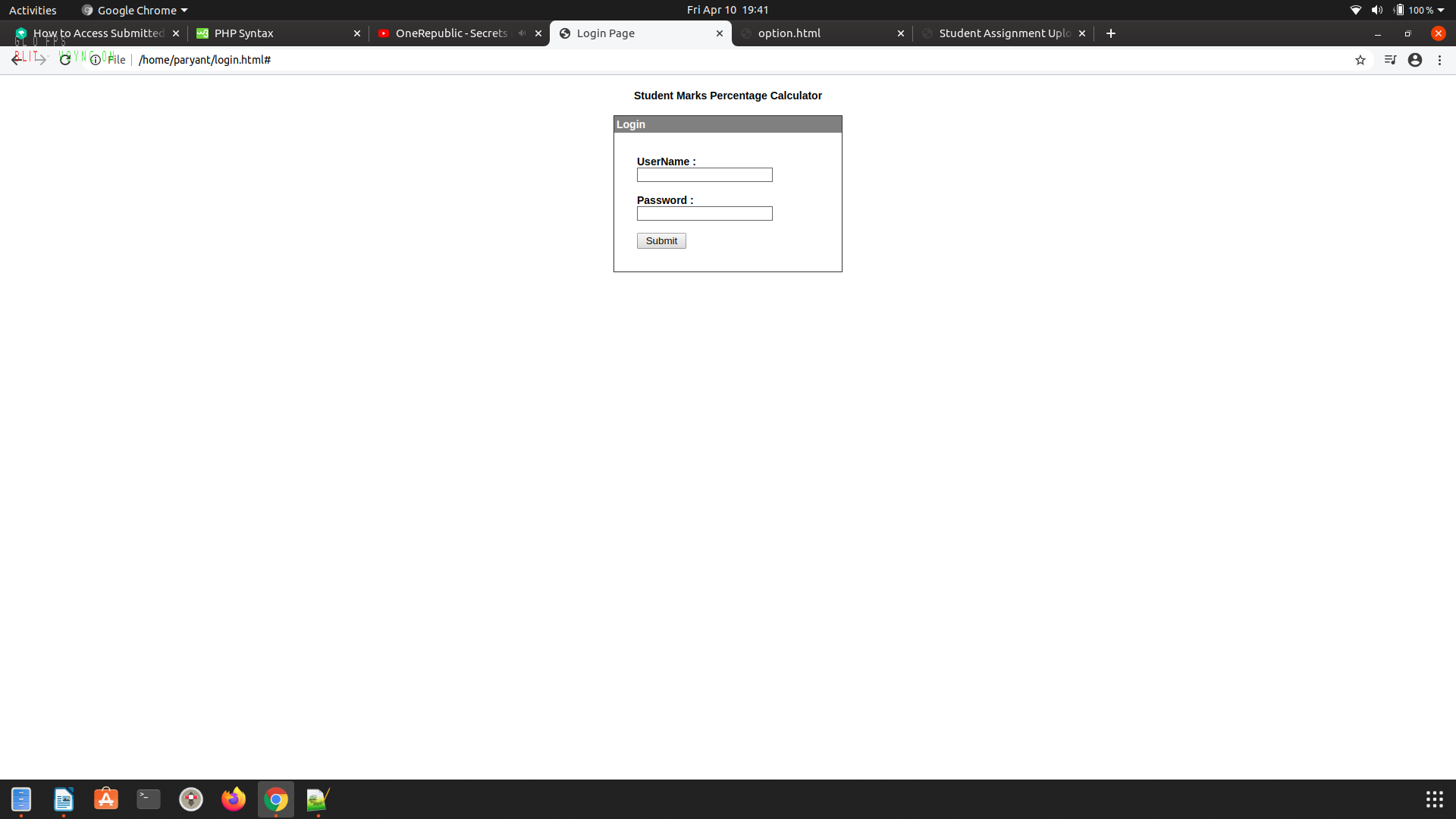
}

echo "Connected successfully";

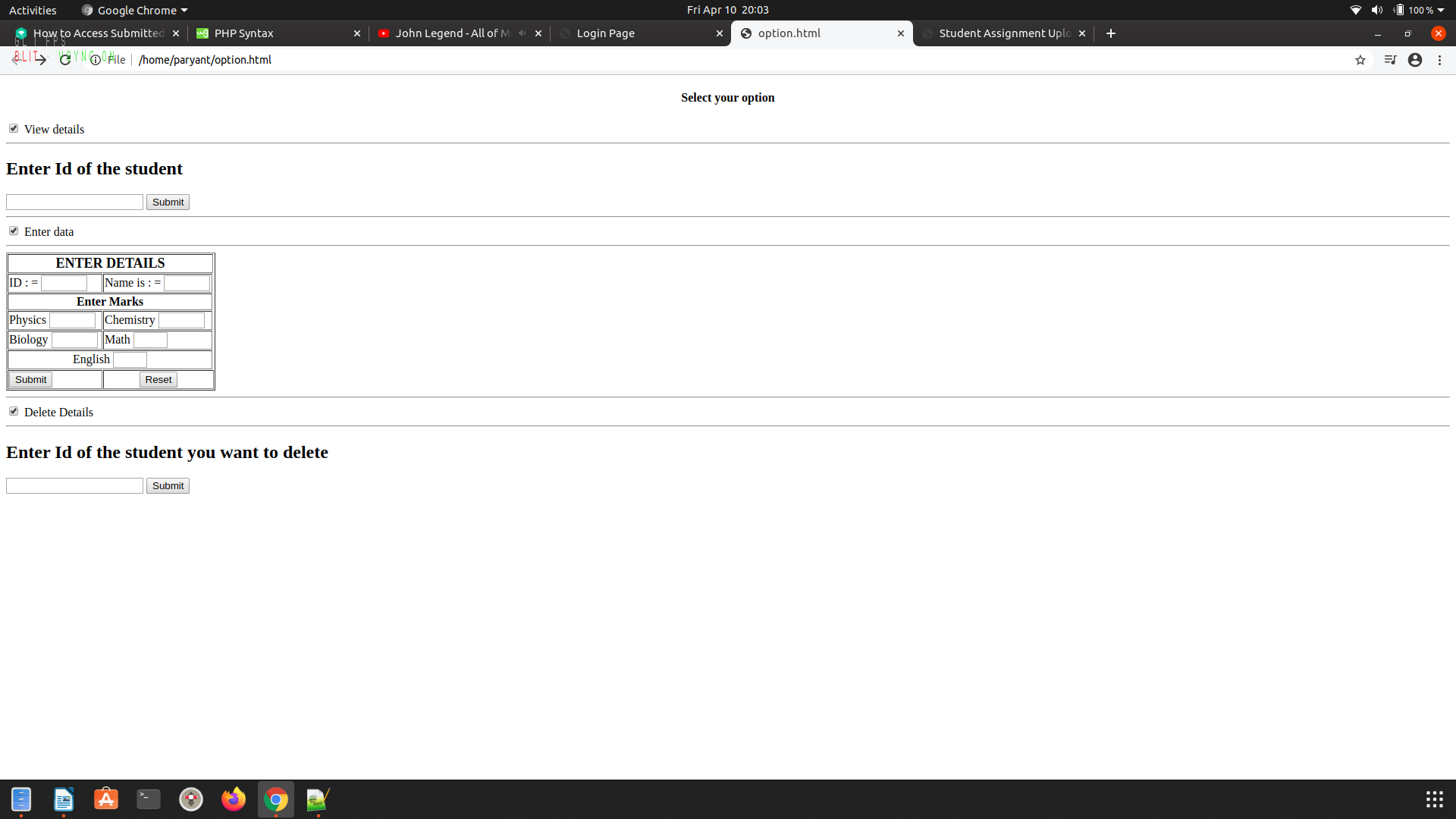
?>

AFTER CONNECTING SUCCESSFULLY WITH THE DATABASE

NEXT STEP IS TO LOGIN AND SELECT THE OPTION OF YOUR CHOICE..



AFTER SUCCESFUL LOOGING IN WE GET THE OPTIONS (WEB PAGE **OPTION.HTML** ).



OPTIONS AVAILABLE

1. VIEW DETAILS

--- REGISTRATION ID IS REQUIRED

--- ID,NAME SECTION AND PERCENTAGE OF THE STUDENT IS SHOWN

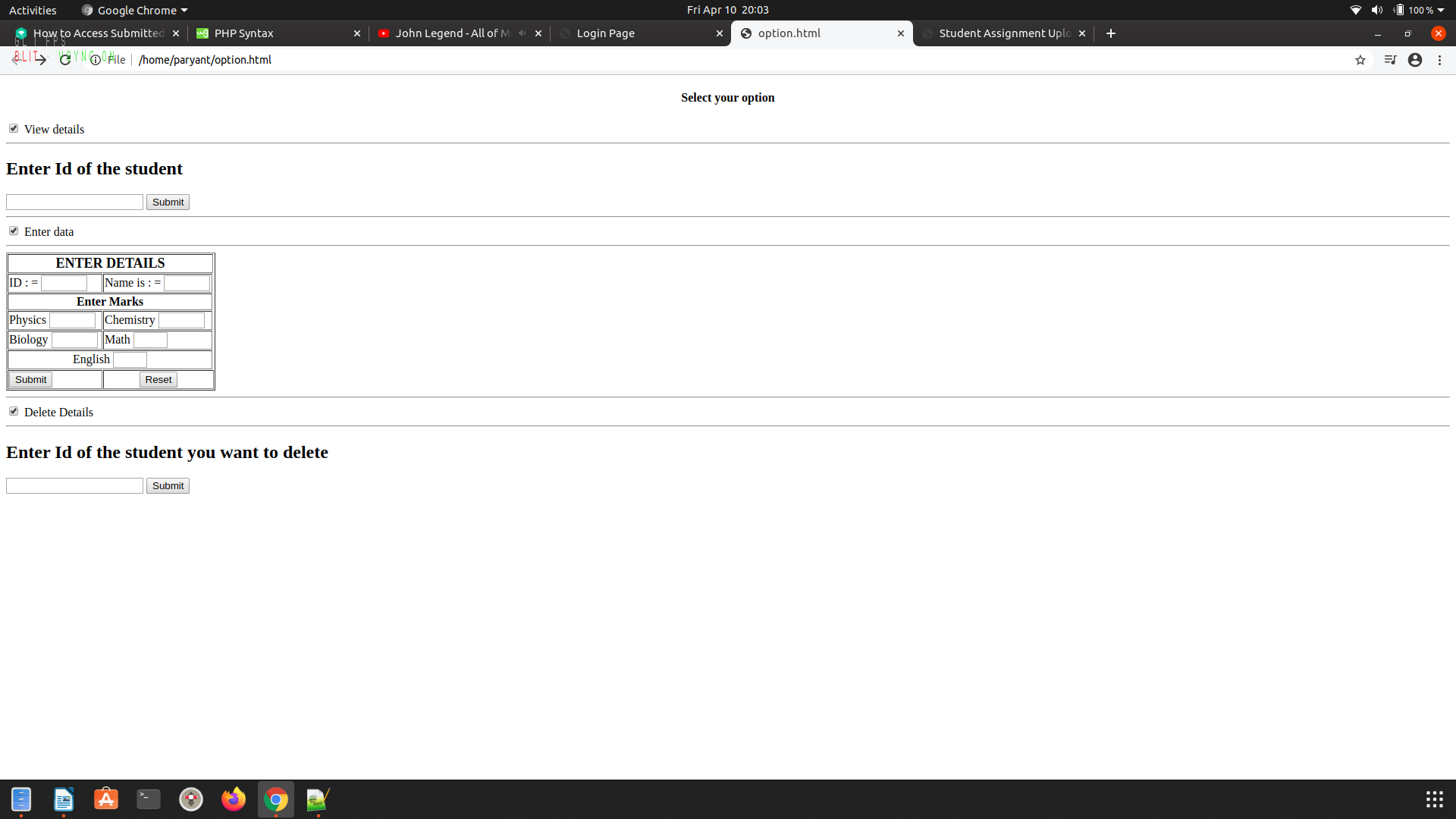
2. ENTER NEW DATA

--- ID ,NAME AND MARKS IN ALL OF THE SUBJECT IS REQUIRED

--- PERCENTAGE IS CALULATED AND STORED IN THE TABLE STUDENT\_INFO.

3. DELETE DATA

--- ID IS REQUIRED AND THE DATA CORRESPONDING TO THE ID IS DELETED.



----------DATABASE AND TABLE (MYSQL)----------

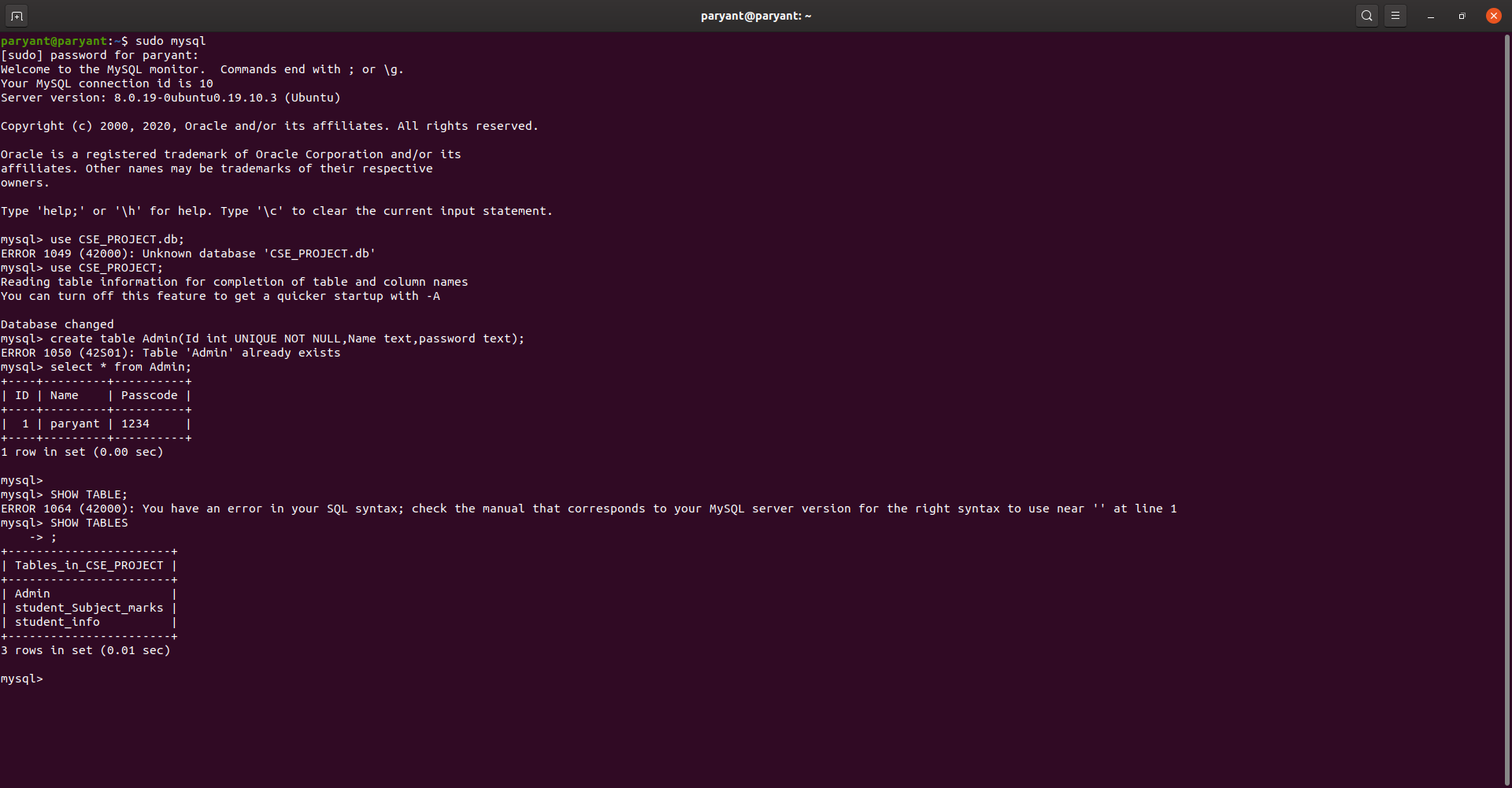
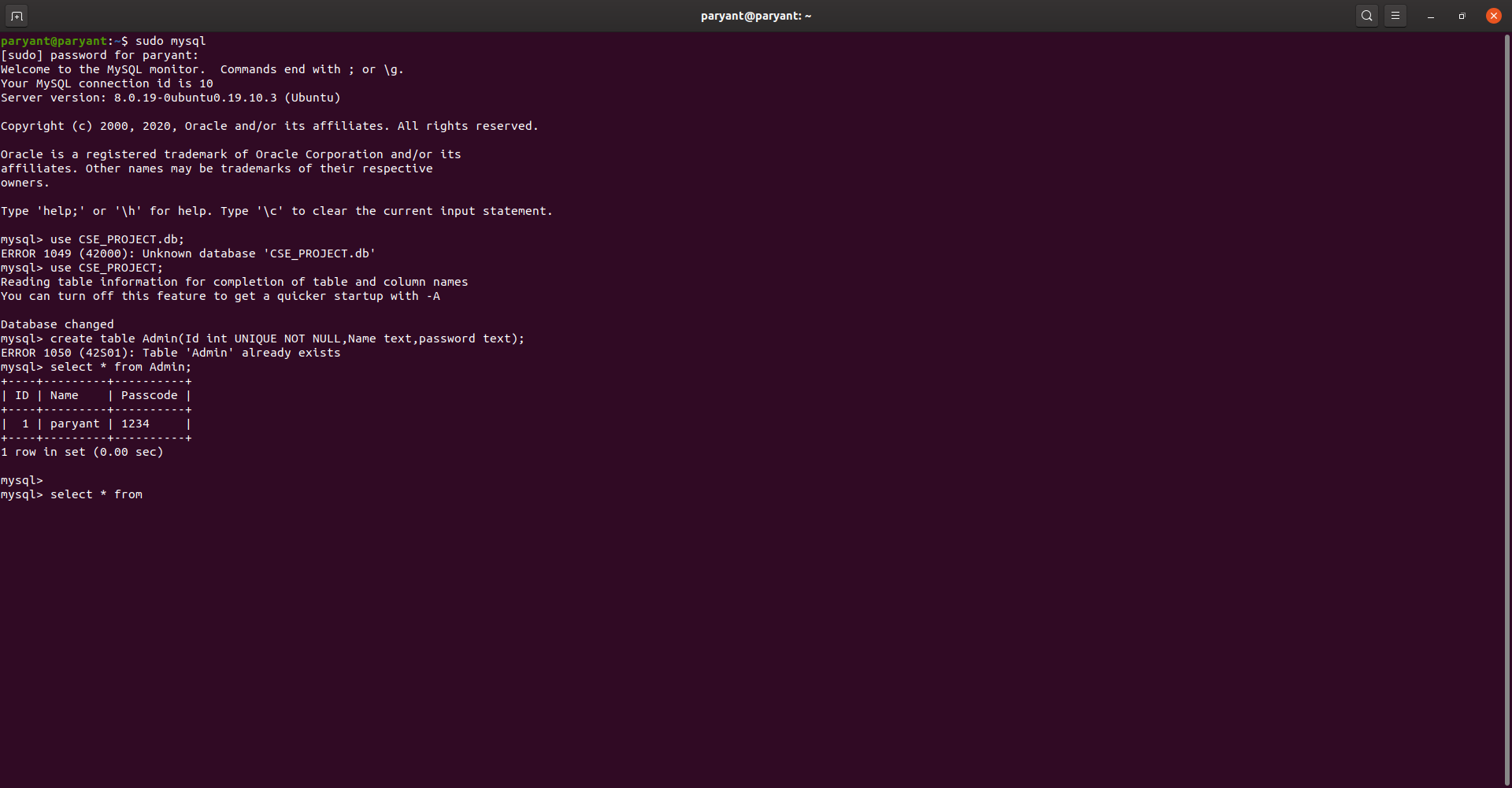
DATA BASE NAME=” CSE\_PROJECT ”

TABLES PRESENT IN THE DATABASE

1.Admin

2.STUDENT\_INFO

3.STUDENT\_SUBJECT\_MARKS



-----------------------------CODE---------------------------------

# MODULE 1 :- CONFIGURATION (CONFIG.PHP)

<?php

$servername = "localhost";

$username = "root";

$password = "paryant";

$db="CSE\_PROJECT";

// Create connection

$conn = new mysqli($servername, $username, $password);

// Check connection

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

echo "Connected successfully";

?>

# MODULE 2 :- LOGIN (LOGIN.HTML)

<!DOCTYPE html>

<?php

include("config.php"); // contains information about database connection

session\_start();

if($\_SERVER["REQUEST\_METHOD"] == "POST")

{

// username and password sent from form

$myusername = mysqli\_real\_escape\_string($db,$\_POST['username']);

$mypassword = mysqli\_real\_escape\_string($db,$\_POST['password']);

//sql query to fetch username and password

$sql = "SELECT id FROM admin WHERE username = '$myusername' and passcode = '$mypassword'";

$result = mysqli\_query($db,$sql);

$row = mysqli\_fetch\_array($result,MYSQLI\_ASSOC);

$active = $row['active'];

$count = mysqli\_num\_rows($result);

// If result matched $myusername and $mypassword, table row must be 1 row

if($count == 1) {

session\_register("myusername");

$\_SESSION['login\_user'] = $myusername;

}else {

$error = "Your Login Name or Password is invalid";

}

}

?>

<html>

<head>

<title>Login Page</title>

<style type = "text/css">

body {

font-family:Arial, Helvetica, sans-serif;

font-size:14px;

}

label {

font-weight:bold;

width:100px;

font-size:14px;

}

.box {

border:#666666 solid 1px;

}

</style>

</head>

<body bgcolor = "FFFFFF">

<h4 align="center"> Student Marks Percentage Calculator </h4>

<div align = "center">

<div style = "width:300px; border: solid 1px #333333; " align = "left">

<div style = "background-color:gray; color:#FFFFFF; padding:3px;"><b>Login</b></div>

<div style = "margin:30px">

<form action = "#" method = "post">

<label>UserName :</label><input type = "text" name = "username" class = "box"/><br /><br />

<label>Password :</label><input type = "password" name = "password" class = "box" /><br/><br />

<input type = "submit" value = " Submit "/><br />

</form>

<div style = "font-size:11px; color:#cc0000; margin-top:10px"><?php echo $error; ?></div>

</div>

</div>

</div>

</body>

</html>

# MODULE 3 :- UPDATING DATABASE (UPDATE.PHP)

<?php

$servername = "localhost";

$username = "root";

$password = "paryant";

$dbname = "CSE\_PROJECT";

// Create connection

$conn = mysqli\_connect($servername, $username, $password, $dbname);

// Check connection

if (!$conn) {

die("Connection failed: " . mysqli\_connect\_error());

}

else

{

// Check if the form is submitted

// FOR VIEWING DETAILS

if ( isset( $\_POST['submit'] ) ) // The PHP isset() function is used to determine if a variable is set and is not null.

{

// retrieve the form data by using the element's name attributes value as key

echo '<h2> DETAILS <h2/>'

$Name = $\_REQUEST['Name'];

$Section= $\_REQUEST['Section'];

$Id= $\_REQUEST['Id'];

// display the results

$sql = "SELECT Id, Name, Section ,Percentage FROM student\_info where Id=$Id ";

$result = mysqli\_query($conn, $sql);

if (mysqli\_num\_rows($result) > 0) {

// output data of each row

while($row = mysqli\_fetch\_assoc($result)) // function fetch\_assoc() puts all the results into an associative array

{

echo " id: " . $row["id"]. " Name: " . $row["Name"]. " " . " Section" .$row["Section"]. " "."Percentage".$row["Percentage" ] ;

}

}

}

// FOR ENTERING A NEW VALUE

elseif( isset( $\_POST['submit\_U'] ))

{

,echo '<h2> Insert values </h2>'

$Physics=$\_GET['Physics'];

$Chemistry=$\_GET['Chemistry'];

$English=$\_GET['English'];

$Math=$\_GET['Math'];

$Biology=$\_GET['Biology'];

$Id= $\_REQUEST['Id'];

$Percentage="";

if($Physics > 100 or $Chemistry >100 or $English >100 $Math >100 or $Biology>100)

{

echo " value greater than 100 enter again ";

echo " <script type="text/javascript"> window.location="file:///home/paryant/login.html";</script>" ;

}

else

{

$sql="insert into student\_Subject\_marks VALUES($Id,$Physics,$Math,$English,$Chemistry,$Biology)";

if (mysqli\_query($conn, $sql)) {

echo "New record created successfully";

sleep(3);

}

else {

echo "Error: " . $sql . "<br>" . mysqli\_error($conn);

}

}

echo " <script type="text/javascript"> window.location="file:///home/paryant/login.html";</script>" ;

}

// FOR DELETING DATA

elseif( isset( $\_POST['submit\_D'] )

{

$Id=$\_GET['Id'];

$sql="DELETE from student\_Subject\_marks where Id=$Id";

$sql2="DELETE from student\_info wher Id=$id";

if (mysqli\_query($conn, $sql) and mysqli\_query($conn, $sql2)) {

echo "Record Deleted successfully";

sleep(3);

echo " <script type="text/javascript"> window.location="file:///home/paryant/login.html"; </script>" ;

}

else {

echo "Error: " . $sql . "<br>" . mysqli\_error($conn);

}

}

}

mysqli\_close($conn);

?>

# MODULE 4 :- OPTIONS (OPTION.HTML)

<!DOCTYPE html>

</html>

<head>

<SCRIPT language=JavaScript>

function perc() {

p = document.form1.Physics.value;

c = document.form1.Chemistry.value;

b = document.form1.Biology.value

e = document.form1.English.value;

m = document.form1.Math.value;

alert((p+b+c+e+m)/5);

}

</SCRIPT>

</head>

<body bgcolor = "FFFFFF">

<h4 align="center"> Select your option </h4>

<label for="Details">

<input type="checkbox" id="Details" onclick="ShowHideDiv(this)" />

View details

</label>

<hr />

<div id="details" style="display: none">

<h2>Enter Id of the student</h2>

<input type="text" id="id" name="id" />

<input type="submit" name="submit" method="GET" action="Update.php"/>

</div>

<script type="text/javascript">

function ShowHideDiv(Details) {

var details = document.getElementById("details");

details.style.display = Details.checked ? "block" : "none";

}

</script>

<hr/>

<label for="Update">

<input type="checkbox" id="Update" onclick="ShowHideDiv2(this)" />

Enter data

</label>

<hr />

<form method="GET" action="Update.php">

<div id="update" style="display: none">

<FORM name=form1 method="GET">

<TABLE cellSpacing=1 cellPadding=1 border=1>

<TBODY>

<TR>

<TD align=middle colSpan=3><B><FONT size=4>ENTER DETAILS</FONT></B>

</TD>

<TR>

<TD>ID : = <INPUT size=5 name=Id> </TD>

<TD>Name is : = <INPUT size=5 name=Name></TD>

<!-- <TD>Answer: <INPUT maxLength=40 size=5 name=total1></TD>

<TD><INPUT onclick=perc1() type=button value=Calculate></TD> -->

<TR><TD align ="center" colspan=2> <b> Enter Marks </b> </TD></TR>

<TR>

<TD> Physics <INPUT size=5 name="physics"></TD>

<TD>Chemistry <INPUT size=5 name=Chemistry></TD>

</TR>

<TR>

<TD>Biology <INPUT size=5 name=Biology> </TD>

<TD> Math <input size =3 name=Math></TD>

</tr>

<tr>

<td align="center" colspan=2>English <input size=3 name=English></td>

</tr>

<TR>

<TD><input type="submit" name="submit\_U" onsubmit="perc()" /></TD>

<TD align=middle

colSpan=3><INPUT type=reset value=Reset></TD></TR></TBODY></TABLE></FORM>

</div>

<hr/>

</form>

<label for="Delete">

<input type="checkbox" id="Delete" onclick="ShowHideDivi(this)" />

Delete Details

</label>

<hr />

<div id="Delete" style="display: block">

<h2>Enter Id of the student you want to delete</h2>

<input type="text" id="id" name="id" />

<input type="submit" name="submit\_D" method="GET" action="Update.php"/>

</div>

<script type="text/javascript">

function ShowHideDiv2(Update) {

var update = document.getElementById("update");

update.style.display = Update.checked ? "block" : "none";

}

</script>

</body>

</html>

