**Question 11:- Write a program to implement oops concept.**

**Solution:-**

<html>

<head>

<style>

#div1,#div2,#div3{

padding:10px;

border:solid;

height:200px;

width:150px;

}

#div1:hover,#div3:hover,#div2:hover{

background-color:rgb(52, 235, 140);

}

#cont{

position:absolute;

left:480px;

top:150px;

display:flex;

justify-content:space-between;

width:550px;

}

h1{

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

}

</style>

</head>

<body>

<h1 align=center>OOP Concept in PHP</h1>

<?php

class car{

public $name;

public $Milage;

public $color;

public function \_\_construct($name,$milage,$color){

$this->name=$name;

$this->milage=$milage;

$this->color=$color;

}

}

$car1=new car("Toyota Urban Cruiser","19.39 Kmpl","Blue");

$car2=new car("Maruti Grand Vitara","19.05 Kmpl","Black");

$car3=new car("Honda City Hybrid","23.38 Kmpl","Grey");

?>

<div id=cont>

<div id=div1>

<?php

echo $car1->name."<br><br><hr>";

echo $car1->milage."<br><br><hr>";

echo $car1->color."<br>";

?>

</div>

<div id=div2>

<?php

echo $car2->name."<br><br><hr>";

echo $car2->milage."<br><br><hr>";

echo $car2->color."<br>";

?>

</div>

<div id=div3>

<?php

echo $car3->name."<br><br><hr>";

echo $car3->milage."<br><br><hr>";

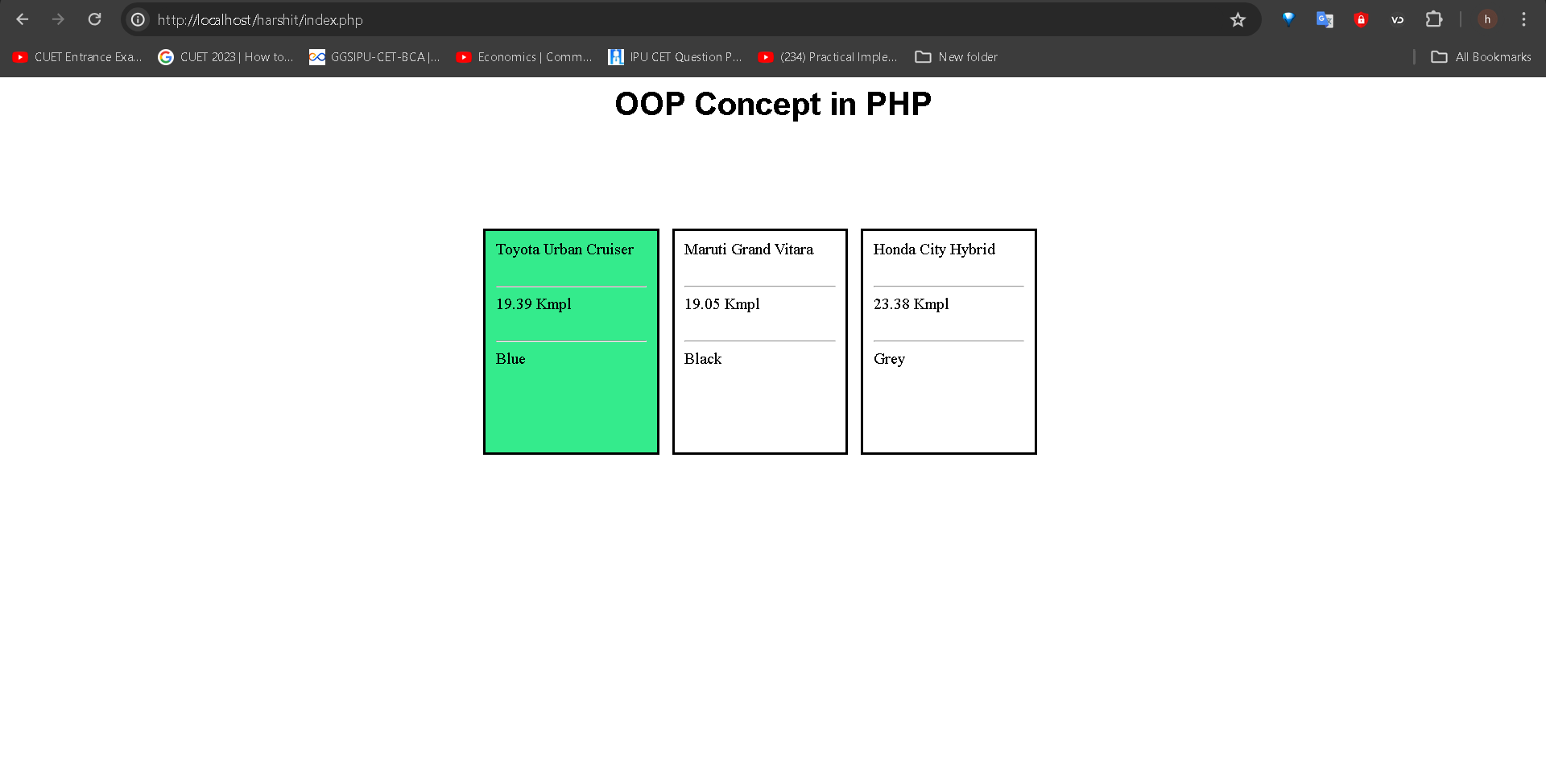
echo $car3->color."<br>";

?>

</div>

</div>

</body>

****

**Question 12:- Do Form handling In PHP Design a personal Information form,then Submit & Retrieve the Form Data Using $\_GET(), $\_POST() and $\_REQUEST() Variables.Design A Login Form and Validate that Form using PHP Programming.**

**Solution:-**

<html>

<head>

</head>

<body>

<form method="post">

<h2>Personal Information Form</h2>

<label for="name">Name:</label>

<input type="text" name="name" id="name" required><br><br>

<label for="email">Email:</label>

<input type="email" name="email" id="email" required><br><br>

<label for="age">Age:</label>

<input type="number" name="age" id="age" required><br><br>

<input type="submit" name="submit" value="Submit">

</form>

<?php

if (isset($\_POST['submit']))

{

$name=$\_POST['name'];

$email=$\_POST['email'];

$age=$\_POST['age'];

echo "Using POST Method"."<br>"."<br>";

echo $name."<br>";

echo $email."<br>";

echo $age."<br>";

}

?>

</body>

</html>

**LOGIN.PHP**

<html>

<head>

<style>

div{

width:400px;

height:200px;

position:relative;

left:580px;

top:100px;

text-align:center;

}

input{

border-radius:8px;

height:30px;

}

label{

font-size:25px;

}

</style>

</head>

<body>

<h2 align="center">Login</h2>

<div>

<form action="validate.php" method="post">

<label for="email">Email:</label>

<input type="email" name="email" id="email" required><br><br>

<label for="password">Password:</label>

<input type="password" name="password" id="password" required><br><br>

<input type="submit" name="submit" value="Submit">

</form>

</div>

</body>

</html>

**VALIDATE.PHP**

<?php

$org\_user="tempmail@gmail.com";

$ord\_password="123456";

if(isset($\_POST['submit'])){

if($org\_user==$\_POST['email']&&$ord\_password==$\_POST['password'])

{

echo "Login Successul";

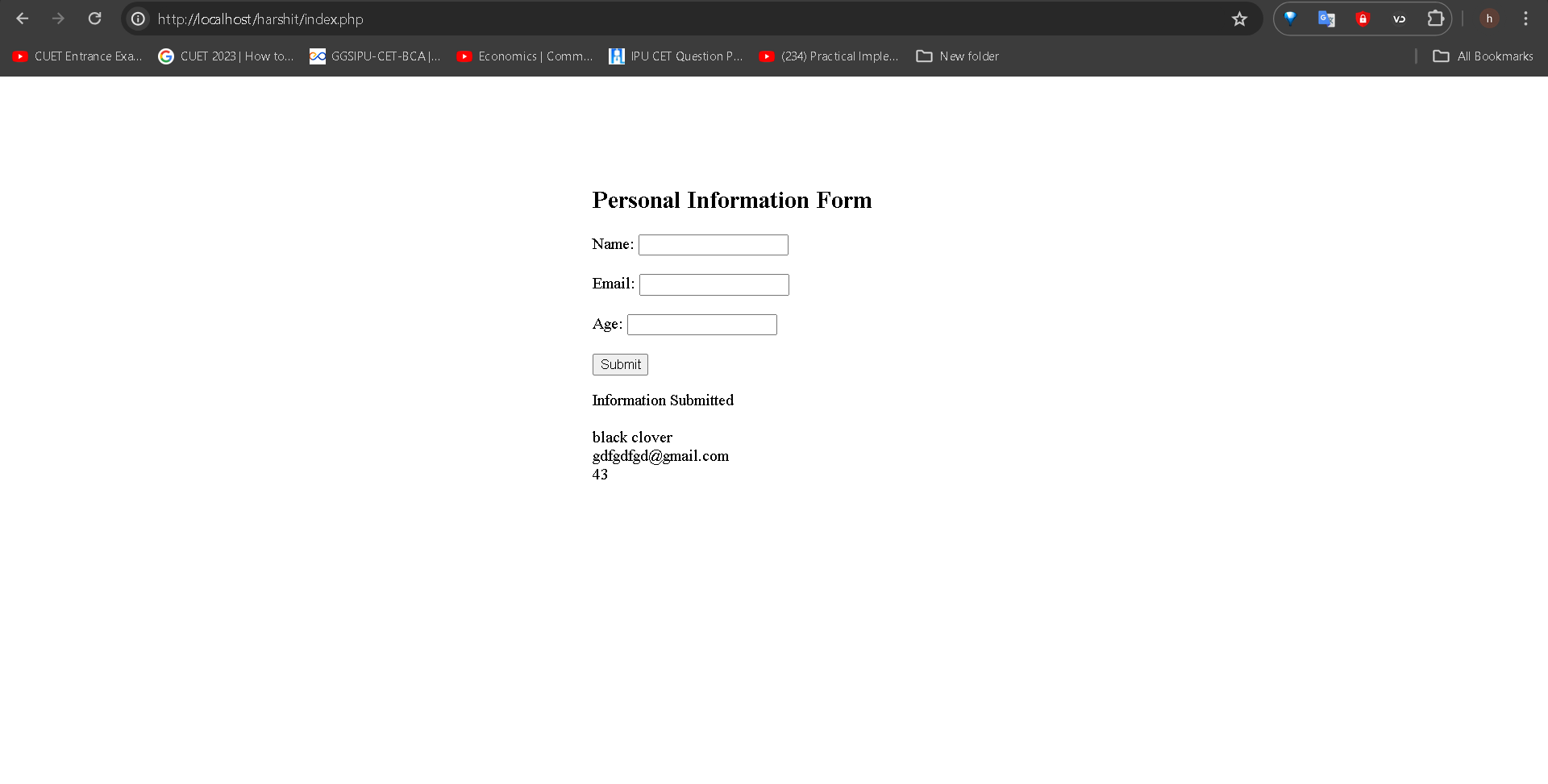
}

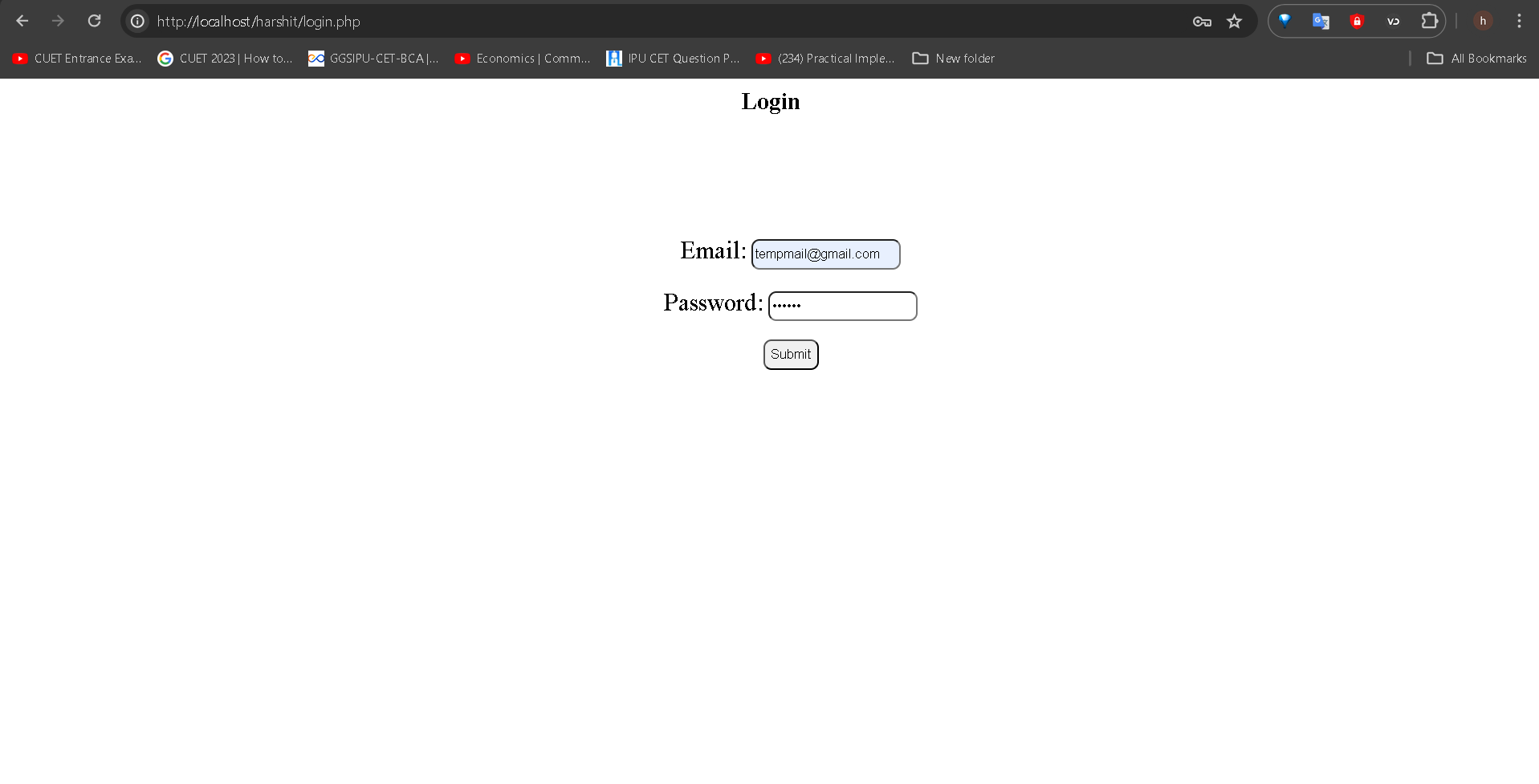
else{

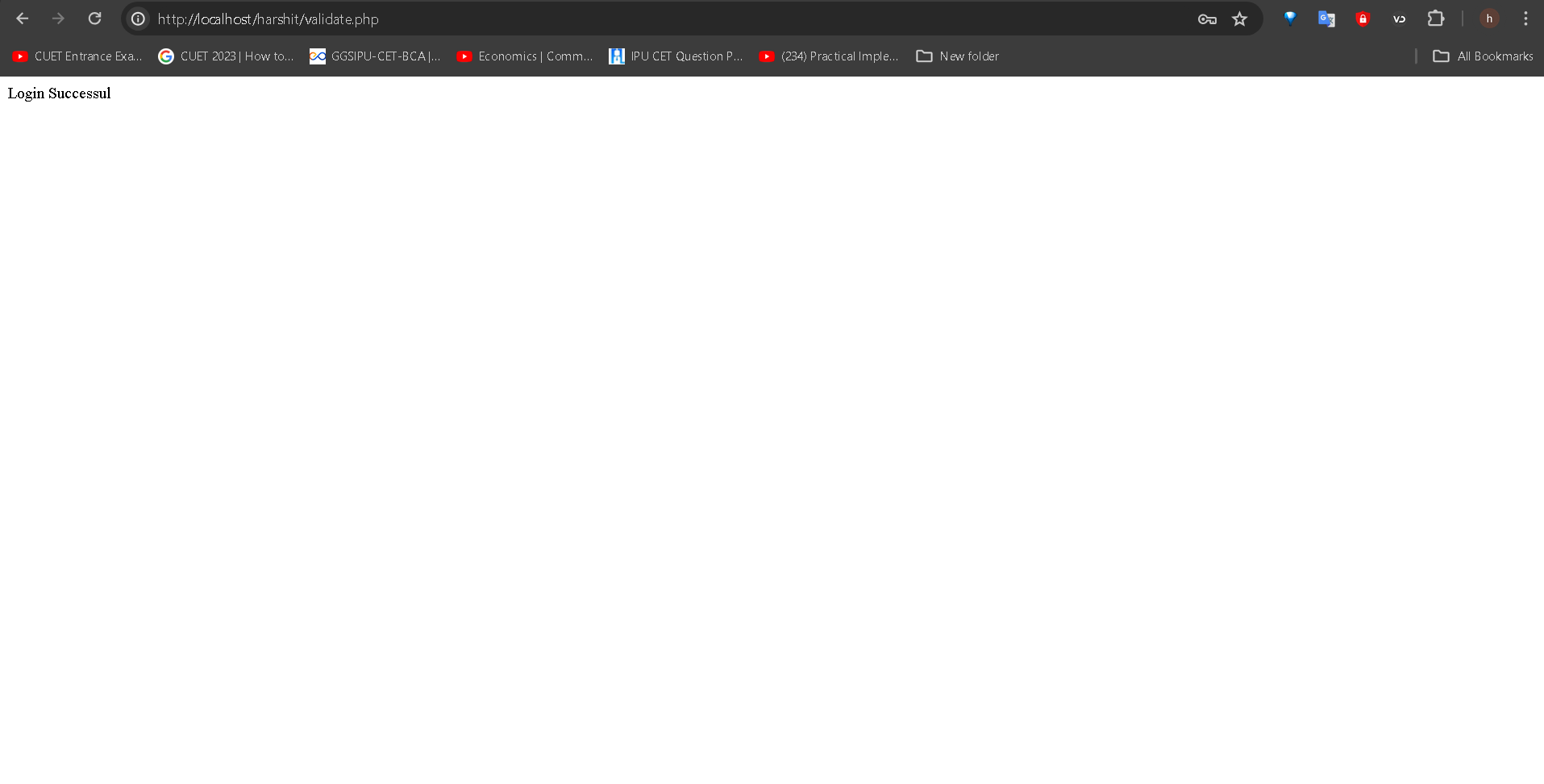
echo "Incorrect Email or Password";

}}

?>







**Question 13:- Write a program that use various PHP library functions, and that manipulate files and directories.**

**Solution:-**

<html>

<head>

<style>

body{

margin:0;

}

.container{

height:200px;

width:300px;

border:solid;

text-align:center;

padding-top:20px;

border-radius:10px;

position:absolute;

left:620px;

top:150px;

}

h1{

background-color:rgb(65, 186, 112);

}

.container:hover{

background-color:rgb(65, 186, 112);

}

</style>

</head>

<body>

<h1 align=center>PHP library Function</h1>

<div class="container">

<?php

$filename = 'temp.txt';

$content = file\_get\_contents($filename);

$Count = strlen($content);

$path = 'files';

if (!is\_dir($path)) {

mkdir($path);

}

$newFilename = $path . '/temp.txt';

echo "Number of characters in the file". $Count."<br><br>";

echo $path. " has been created". "<br><br>";

if (copy($filename, $newFilename)) {

echo $filename. " has been copied to ". $newFilename;

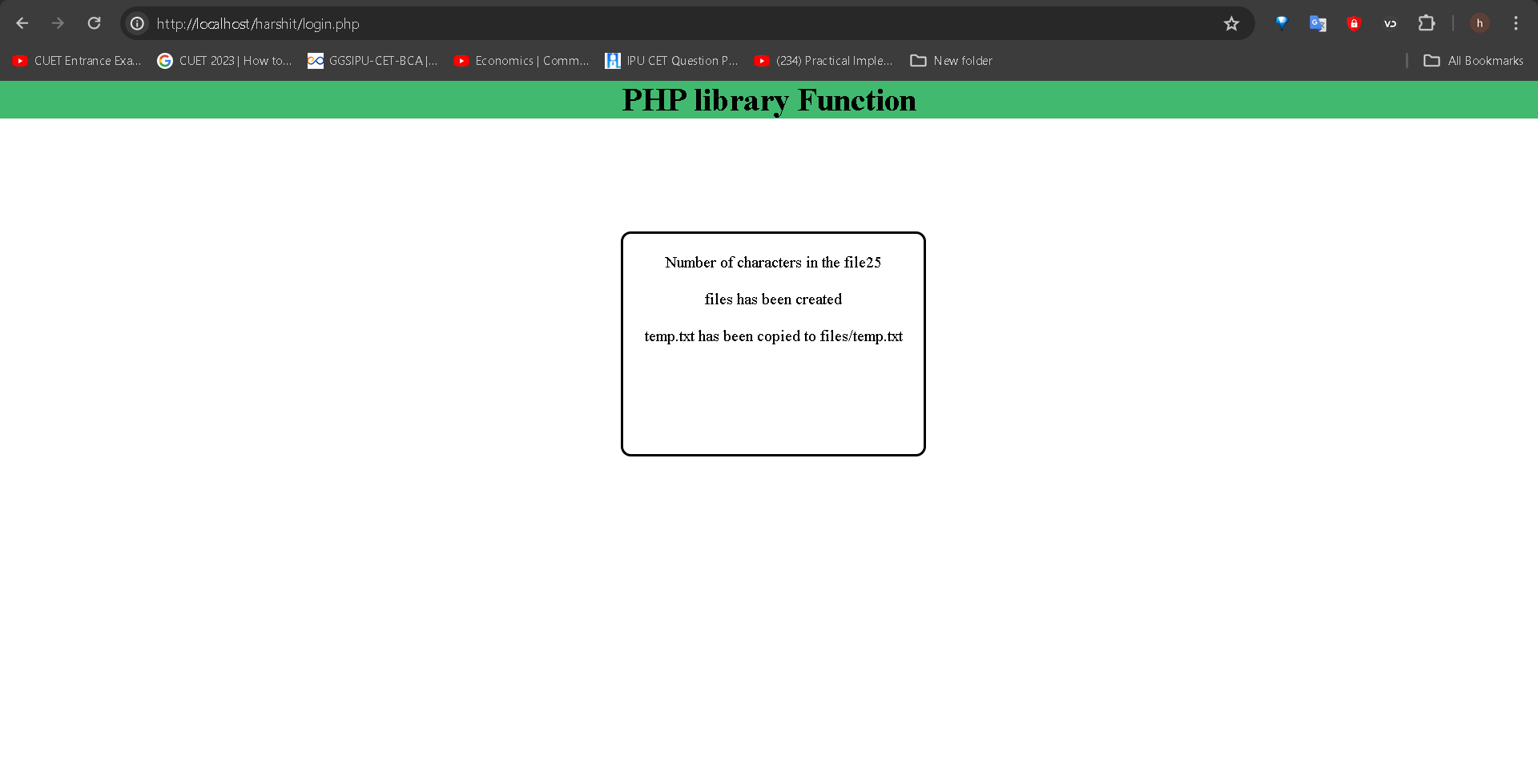
}

?>

</div>

</body>

</html>



**Question 14:- Write a program to modify the content of an existing file.**

**Solution:-**

<html>

<head>

<style>

div{

width:400px;

height:200px;

position:relative;

left:580px;

top:100px;

}

</style>

</head>

<body>

<div>

<form method="post">

<h2>Personal Information Form</h2>

<label for="name">Name:</label>

<input type="text" name="name" id="name" required><br><br>

<label for="email">Email:</label>

<input type="email" name="email" id="email" required><br><br>

<label for="age">Age:</label>

<input type="number" name="age" id="age" required><br><br>

<input type="submit" name="submit" value="Submit">

</form>

<?php

if (isset($\_POST['submit']))

{

$name=$\_POST['name'];

$email=$\_POST['email'];

$age=$\_POST['age'];

echo "Information Submitted"."<br>"."<br>";

echo $name."<br>";

echo $email."<br>";

echo $age."<br>";

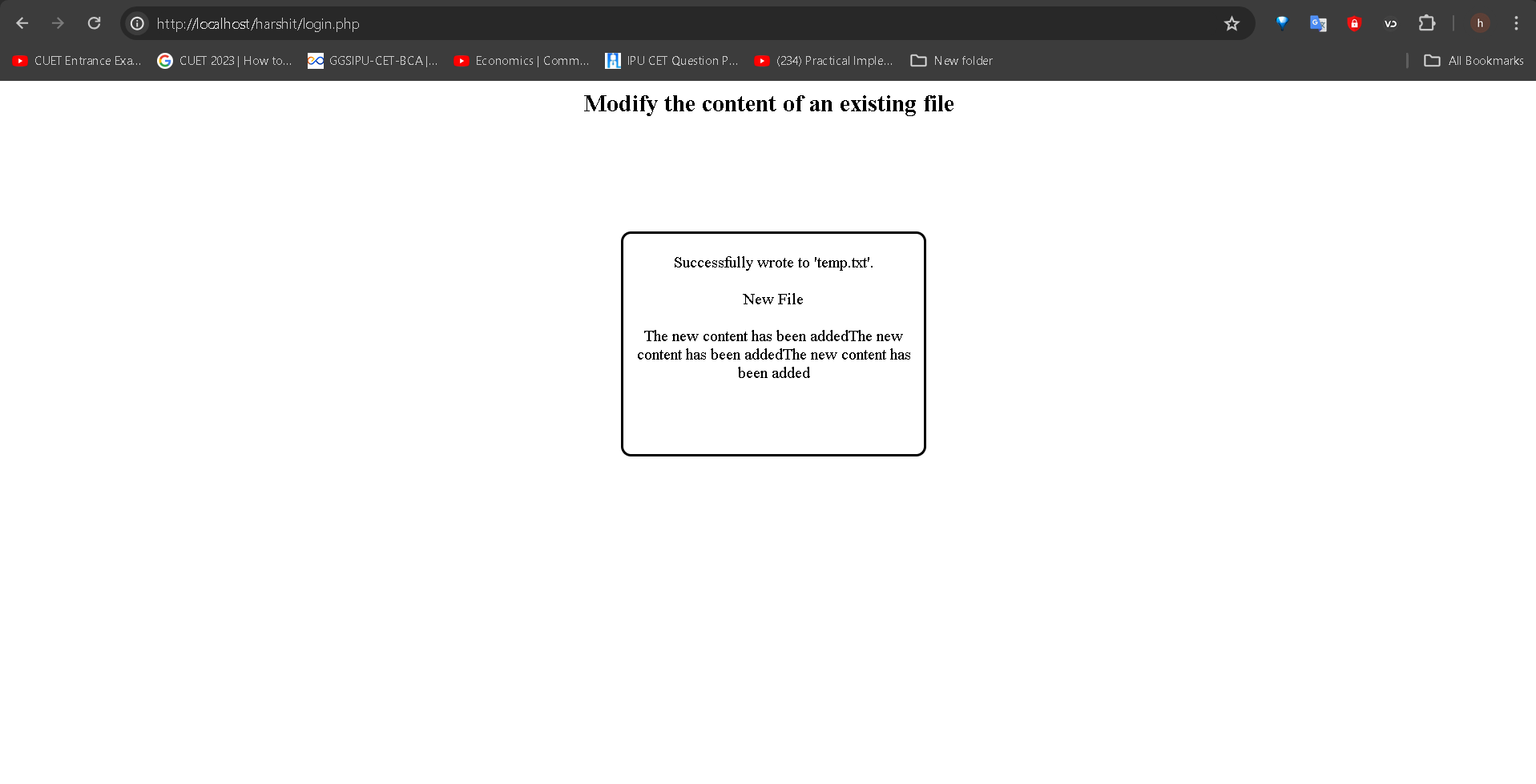
}

?>

</div>

</body>

</html>



**Question 15:- Design a from which upload And Display Image in PHP**

**Solution:-**

<html>

<head>

</head>

<body>

<h2>Upload Image</h2>

<form method="post" enctype="multipart/form-data">

<label for="image">Choose Image:</label>

<input type="file" name="image" accept="image/\*" required>

<button type="submit" name="submit">Submit</button>

</form>

<?php

$dir = 'images/';

$File\_img = $dir . basename($\_FILES['image']['name']);

if (isset($\_FILES['image']) && move\_uploaded\_file($\_FILES['image']['tmp\_name'],

$File\_img)) {

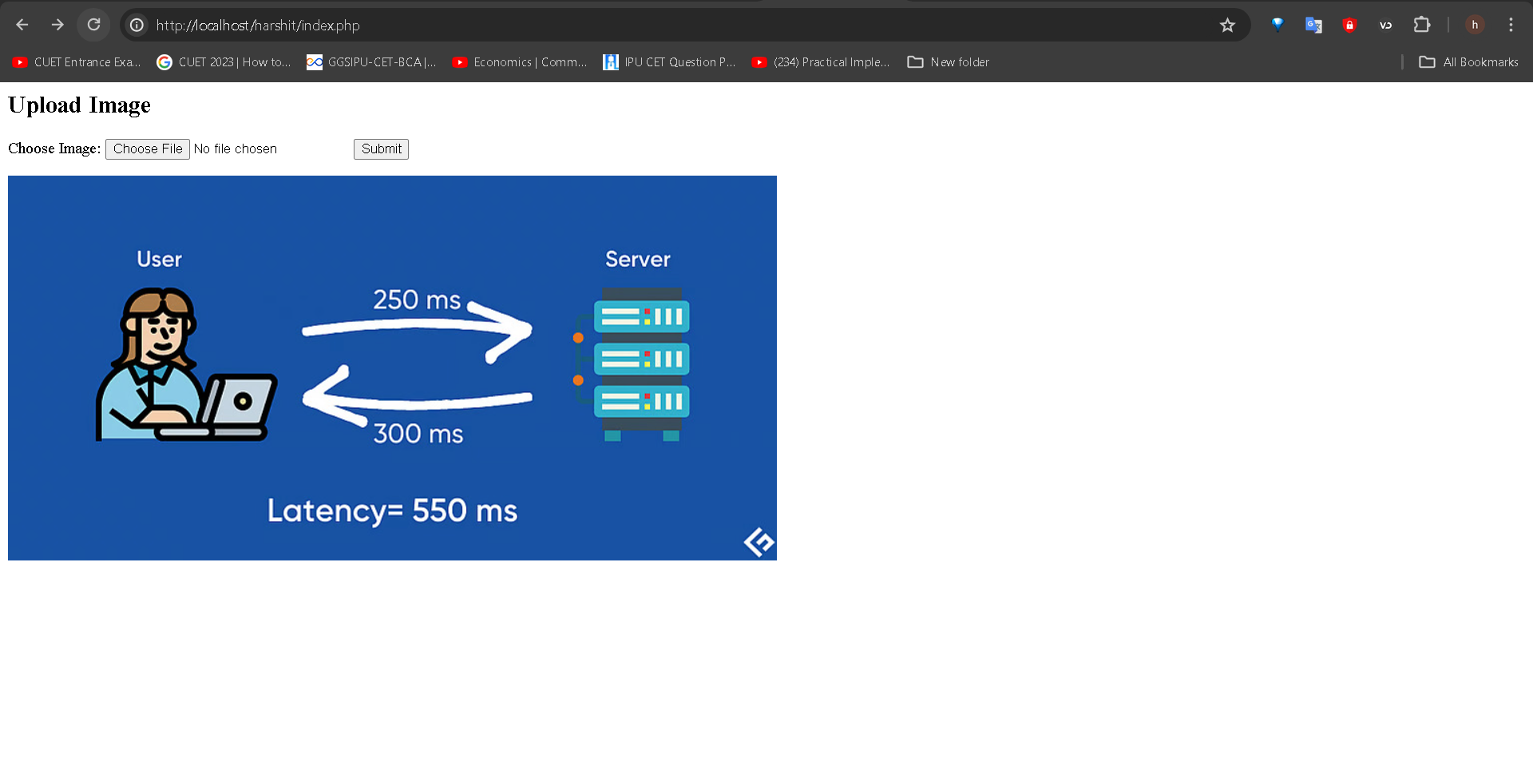
echo '<img src="' . $File\_img . '" >';

}

?>

</body>

</html>



**Question 17:- Write a program to create a mysql database.**

**Solution:-**

<html>

<head>

<style>

div{

height:200px;

width:300px;

text-align:center;

padding-top:20px;

border-radius:10px;

position:relative;

left:620px;

top:150px;

}

input{

border-radius:2px;

}

h2{

background-color:rgb(65, 186, 112);

}

</style>

</head>

<body>

<h2 align=center>create a mysql database</h2>

<div>

<form method="post">

Database Name<br>

<input type="text" name="datab" required>

<br><br>

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

</form>

</div>

<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname = $\_POST["datab"];

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

if ($conn->connect\_error) {

die("Connectiod Error: " . $conn->connect\_error);

}

$sql = "CREATE DATABASE $dbname";

if ($conn->query($sql) === TRUE) {

echo "Database created successfully";

} else {

echo "Error creating database: " . $conn->error;

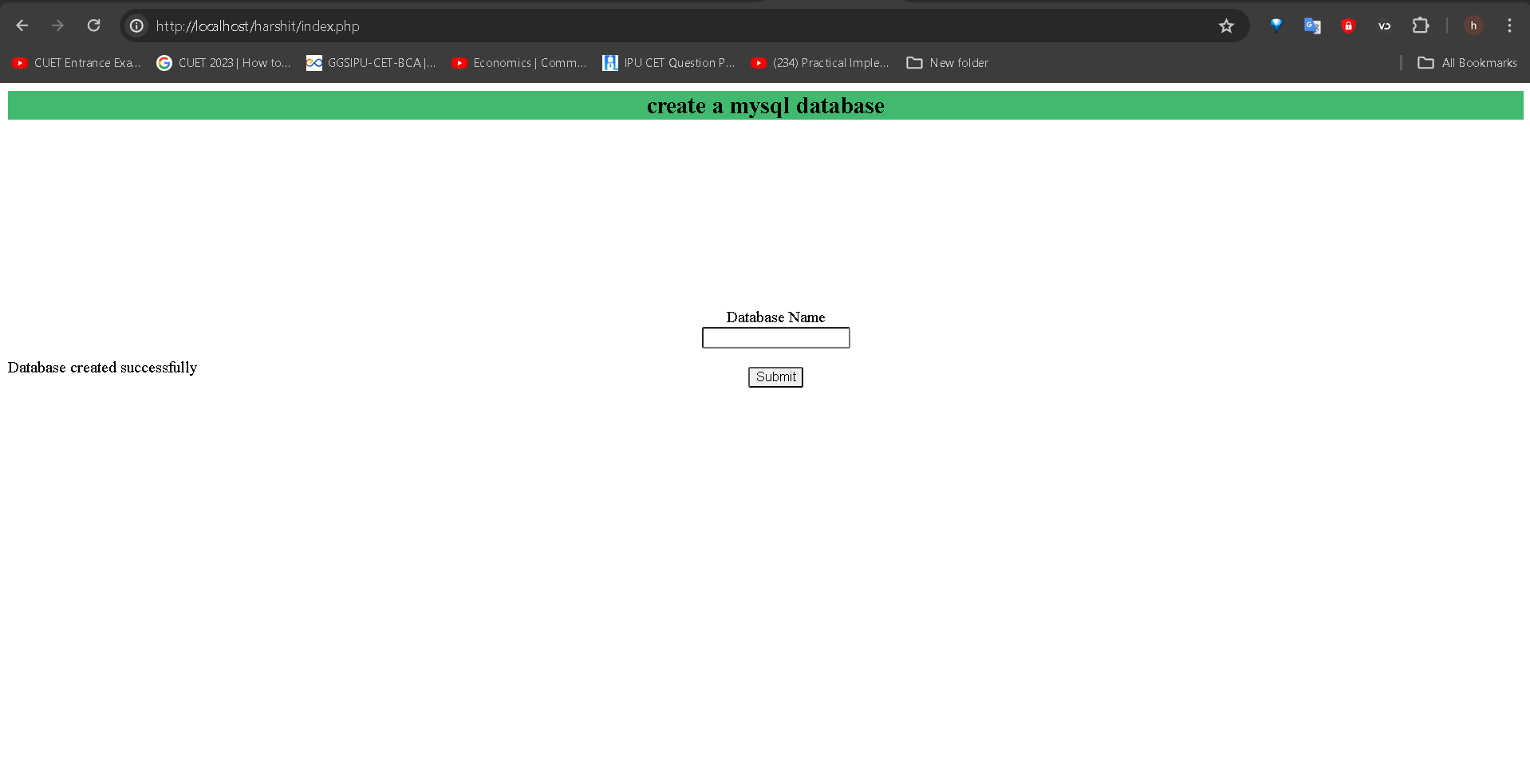
}

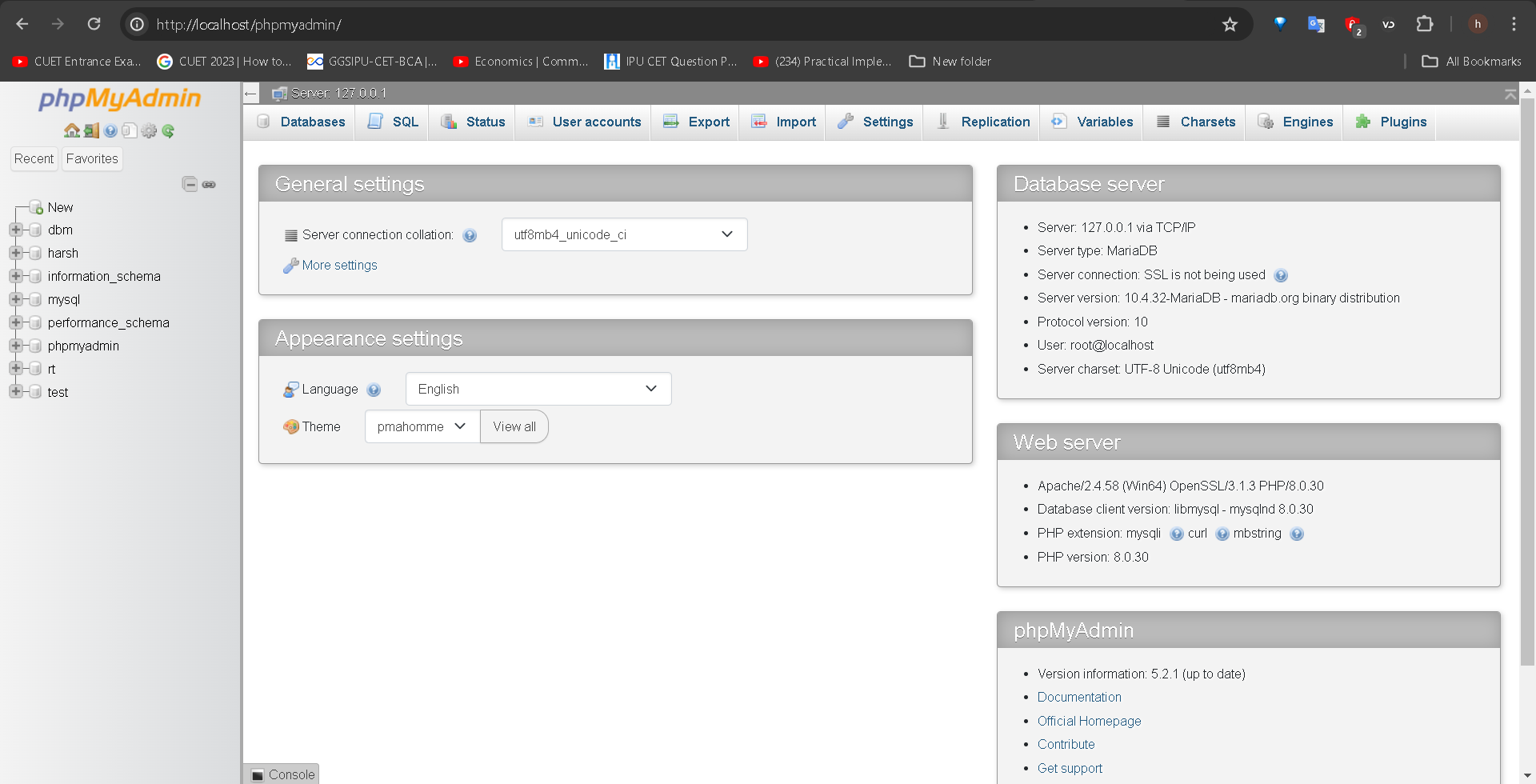
$conn->close();

?>

</body>

</html>





**Question 18:- Write a program to select all the records and display it in**

**table. CO1, CO2**

**Solution:-**

<html>

<body>

<?php

$server = 'localhost';

$username = 'root';

$password = '';

$dbname = 'harsh';

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

if ($conn->connect\_error) {

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

}

$sql = "SELECT \* FROM school";

$result = $conn->query($sql);

if (!$result) {

die("Query failed: ". $conn->error);

}

echo "<table border='1'>";

echo "<tr><th>Roll\_no</th><th>Name</th><th>stream</th></tr>";

while ($row = $result->fetch\_assoc()) {

echo "<tr>";

echo "<td>". $row['rollno']. "</td>";

echo "<td>". $row['name']. "</td>";

echo "<td>". $row['stream']. "</td>";

echo "</tr>";

}

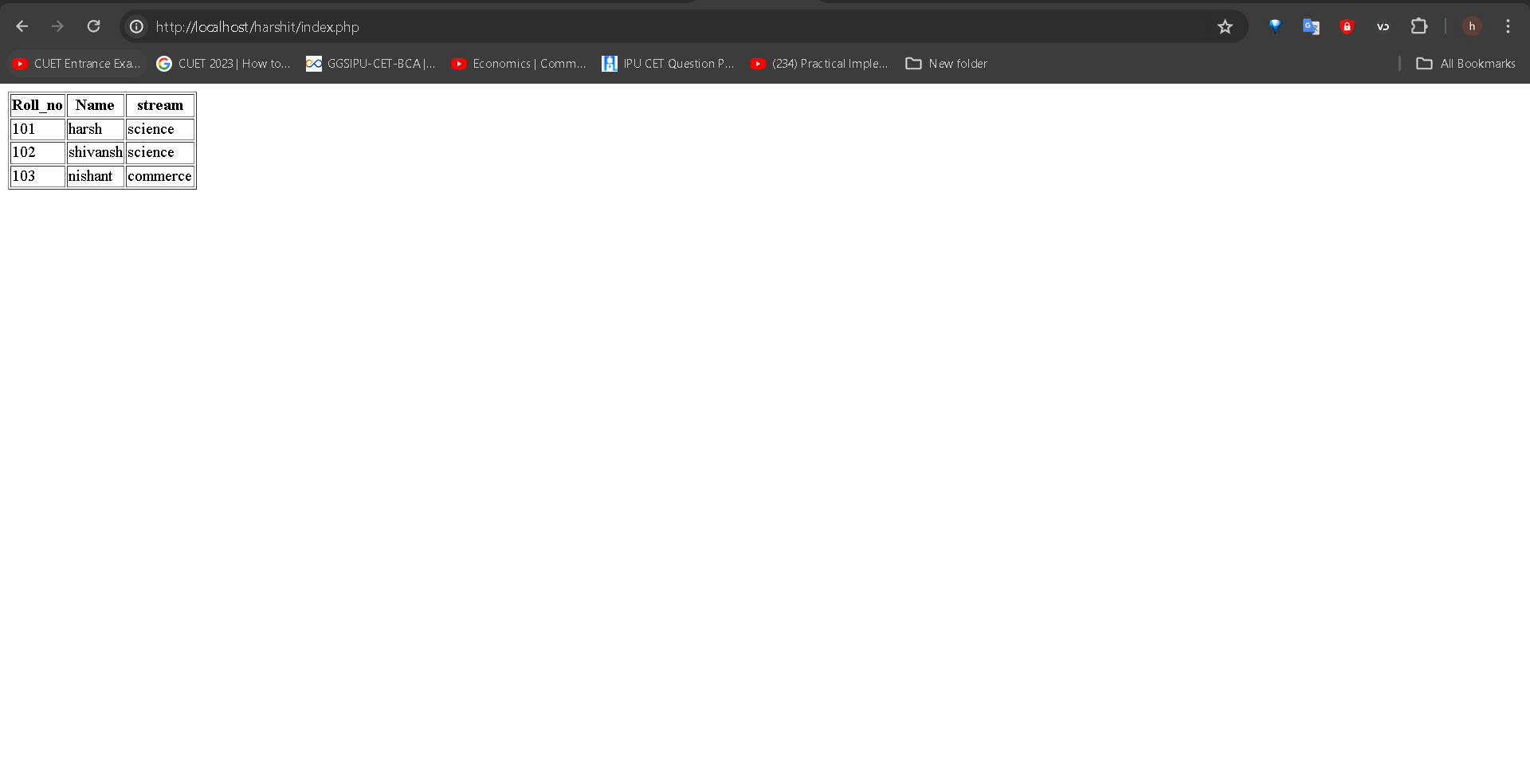
echo "</table>";

$conn->close();

?>

</body>

</html>



**Question 19:- Write a program to modify (delete/modify/add) a table. ?**

**Solution:-**

<html>

<body>

<?php

$server = 'localhost';

$username = 'root';

$password = '';

$dbname = 'harsh';

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

if ($conn->connect\_error) {

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

}

$sql = "ALTER TABLE school MODIFY COLUMN rollno int(12)";

if ($conn->query($sql) === TRUE) {

echo "Modified Successfully". "<br><br>";

} else {

echo "Error Modifying Column: " . $conn->error. "<br><br>";

}

$sql = "ALTER TABLE school add COLUMN email varchar(10)";

if ($conn->query($sql) === TRUE) {

echo "Modified Successfully". "<br><br>";

} else {

echo "Error Adding Column: " . $conn->error. "<br><br>";

}

$sql = "ALTER TABLE school drop COLUMN email";

if ($conn->query($sql) === TRUE) {

echo "Modified Successfully". "<br><br>";

} else {

echo "Error Droping Column: " . $conn->error. "<br><br>";

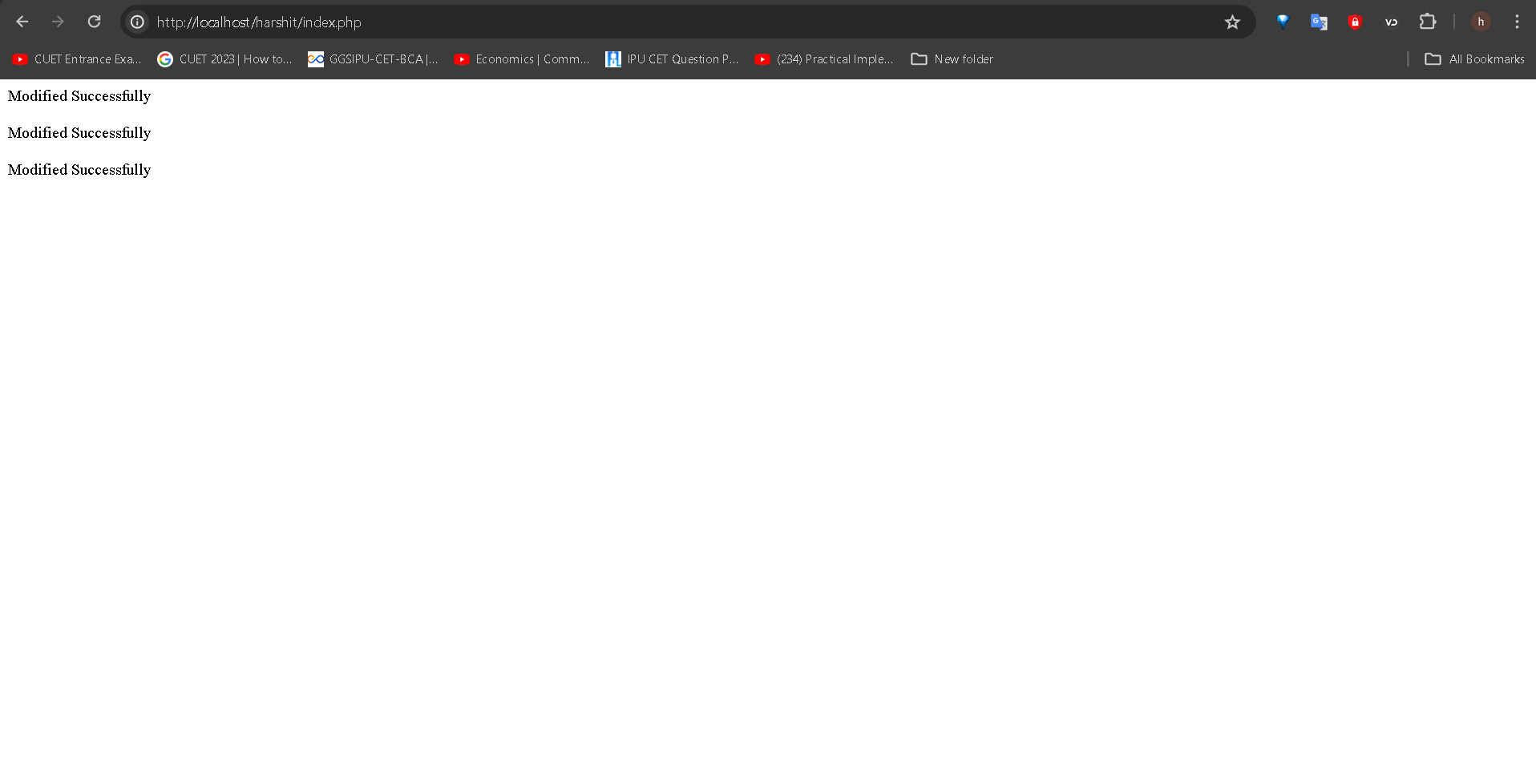
}

$conn->close();

?>

</body>

</html>



**Question 20:- Write a program to modify (delete/modify/add) a table. ?**

**Solution:-**