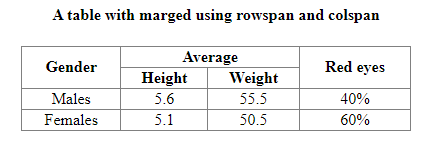
**Problem no:** 01

**Problem name:** Write HTML code for following table and design it your own choice using CSS.



**Code:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Table</title>

</head>

<style>

body{

margin: 0;

font-family: monospace;

}

.container{

width: 700px;

height: 400px;

margin: auto;

margin-top: 0;

text-align: center;

}

.container h2{

font-size: 20px;

font-weight: 600;

}

table{

width: 100%;

text-align: center;

border-collapse: collapse;

}

table tr th, table tr td{

padding: 5px 0;

}

</style>

<body>

<div class="container">

<h2>A table with marged using rowspan and colspan</h2>

<table border="1">

<tr>

<th rowspan="2">Gender</th>

<th colspan="2">Average</th>

<th rowspan="2">Red eyes</th>

</tr>

<tr>

<th>Height</th>

<th>Weight</th>

</tr>

<tr>

<td>Males</td>

<td>5.6</td>

<td>55.5</td>

<td>40%</td>

</tr>

<tr>

<td>Females</td>

<td>5.1</td>

<td>50.5</td>

<td>60%</td>

</tr>

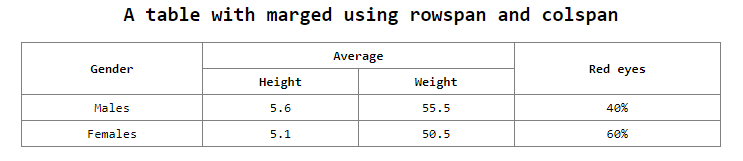
</table>

</div>

</body>

</html>

**Output**



**Problem no:** 02

**Problem name:** Create a web page for internal links; when the user clicks on different links on the webpage it should go to the appropriate locations/sections in the same page and display different order list.

**Code:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Section with link</title>

</head>

<style>

body{

margin: 0;

font-family: monospace;

}

</style>

<body>

<header>

<div class="navbar">

<nav class="container">

<div class="main\_logo">

<a href="">FreeDesign</a>

</div>

<div class="main\_menu">

<ul>

<li><a href="#header">Home</a></li>

<li><a href="#about">About</a></li>

<li><a href="#team">Teams</a></li>

<li><a href="#service">Services</a></li>

<li><a href="#contact">Contact</a></li>

</ul>

</div>

</nav>

</div>

</header>

<section class="about" id="about">

<h2>About Us</h2>

<p>Lorem, ipsum dolor sit amet consectetur adipisicing elit. Consequatur ad, esse dignissimos numquam adipisci iure provident id aliquid molestias voluptates tempora praesentium nulla reprehenderit pariatur quis temporibus. Dolor beatae explicabo nam ex, a doloremque voluptas sunt. Eius optio vitae aperiam ipsum, ea dicta libero obcaecati architecto suscipit fugiat maxime asperiores.</p>

</section>

<section class="team" id="team">

<h2>Our Teams</h2>

<p>Lorem, ipsum dolor sit amet consectetur adipisicing elit. Consequatur ad, esse dignissimos numquam adipisci iure provident id aliquid molestias voluptates tempora praesentium nulla reprehenderit pariatur quis temporibus. Dolor beatae explicabo nam ex, a doloremque voluptas sunt. Eius optio vitae aperiam ipsum, ea dicta libero obcaecati architecto suscipit fugiat maxime asperiores.</p>

</section>

<section class="service" id="service">

<h2>Our Services</h2>

<p>Lorem, ipsum dolor sit amet consectetur adipisicing elit. Consequatur ad, esse dignissimos numquam adipisci iure provident id aliquid molestias voluptates tempora praesentium nulla reprehenderit pariatur quis temporibus. Dolor beatae explicabo nam ex, a doloremque voluptas sunt. Eius optio vitae aperiam ipsum, ea dicta libero obcaecati architecto suscipit fugiat maxime asperiores.</p>

</section>

<section class="contact" id="contact">

<h2>Contact Us</h2>

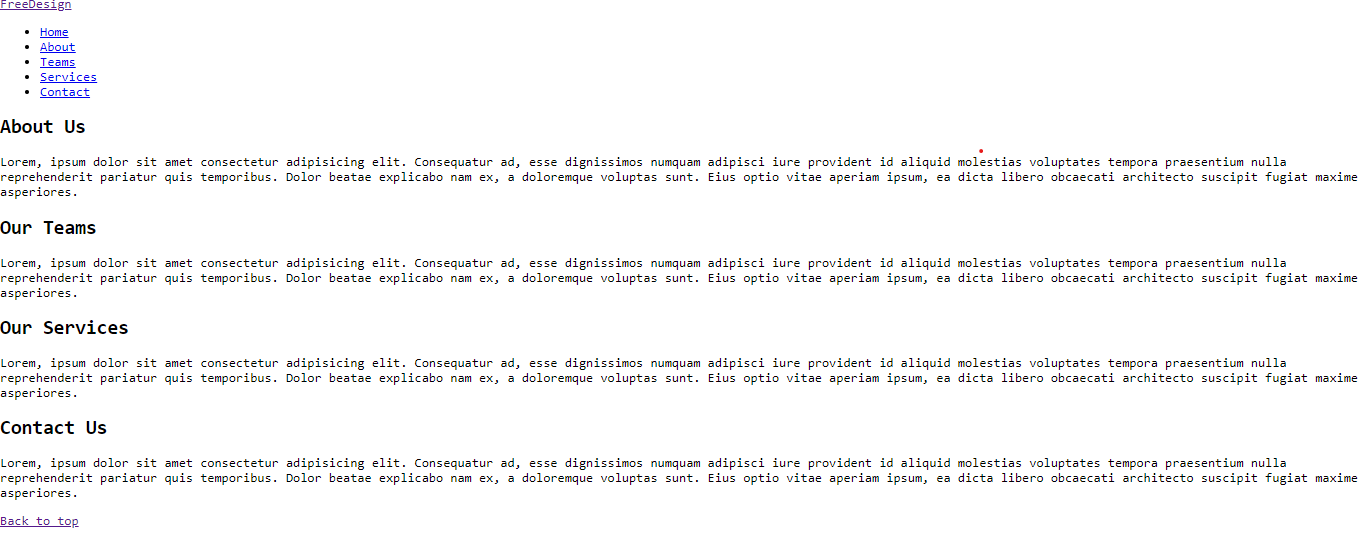
<p>Lorem, ipsum dolor sit amet consectetur adipisicing elit. Consequatur ad, esse dignissimos numquam adipisci iure provident id aliquid molestias voluptates tempora praesentium nulla reprehenderit pariatur quis temporibus. Dolor beatae explicabo nam ex, a doloremque voluptas sunt. Eius optio vitae aperiam ipsum, ea dicta libero obcaecati architecto suscipit fugiat maxime asperiores.</p>

</section>

<a href="#">Back to top</a>

</body>

</html>

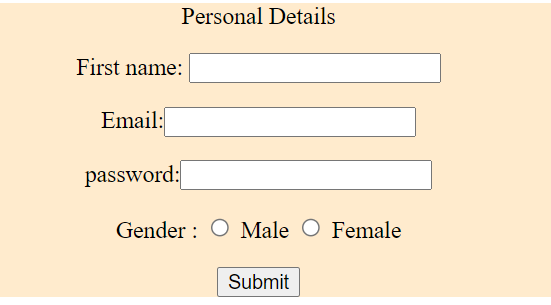
**Output**

**Problem no:** 03

**Problem name:** Write HTML code for the following picture:

i) Alignment text level and text box using CSS and

ii) Connect this form into database using PHP.



**Code:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Personal Details</title>

<?php

$host\_name ="localhost";

$user\_name ="weblab";

$password="weblab";

$db\_name ="student";

$conn = new mysqli($host\_name, $user\_name, $password, $db\_name);

if($conn -> connect\_error){

die( "Faild to connect mysql" . $conn -> connect\_error);

}

if(isset($\_POST['name']) && isset($\_POST['email'])&& isset($\_POST['password']) && isset($\_POST['gender'])){

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

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

$password = (string)md5($\_POST['password']);

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

$sql = "INSERT INTO stu\_reg(name, email, password, gender)

VALUES('$name', '$email', '$password', '$gender')";

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

}

?>

</head>

<style>

body{

margin: 0;

background: #151644;

font-family: monospace;

}

.container{

width: 400px;

margin: auto;

}

.content{

margin-top: 100px;

padding: 30px 20px;

background: #fff;

text-align: center;

border: 2px solid #fff;

border-radius: 20px;

}

.content h3{

margin: 0;

padding: 0;

margin-bottom: 30px;

}

.container table{

table-layout: auto;

width: 100%;

}

.right{

text-align: left;

}

form td input{

margin: 5px 0;

width: 98%;

padding: 5px 2px;

border: 1px solid #151644;

border-radius: 5px;

}

.gender input{

width: 30px;

}

.button{

width: 35%;

margin-top: 20px;

padding:8px 30px;

background: #151644;

color: #fff;

font-size: 18px;

font-weight: 500;

border: 1px solid #151644;

border-radius: 5px;

}

</style>

<body>

<div class="container">

<div class="content">

<h3>Personal details</h3>

<form method="POST">

<table>

<tr>

<td class="right"><label for="name">First Name: </label></td>

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

</tr>

<tr>

<td class="right"><label for="email">Email: </label></td>

<td><input type="email" id="email" name="email"></td>

</tr>

<tr>

<td class="right"><label for="pass">Password: </label></td>

<td><input type="password" id="pass" name="password"></td>

</tr>

<tr>

<td class="right"><label for="">Gender: </label></td>

<td class="gender">

<input type="radio" name="gender" id="male" value="male" checked>

<label for="male">Male</label>

<input type="radio" name="gender" id="female" value="female">

<label for="female">Female</label>

</td>

</tr>

</table>

<input class="button" type="button" value="Submit">

</form>

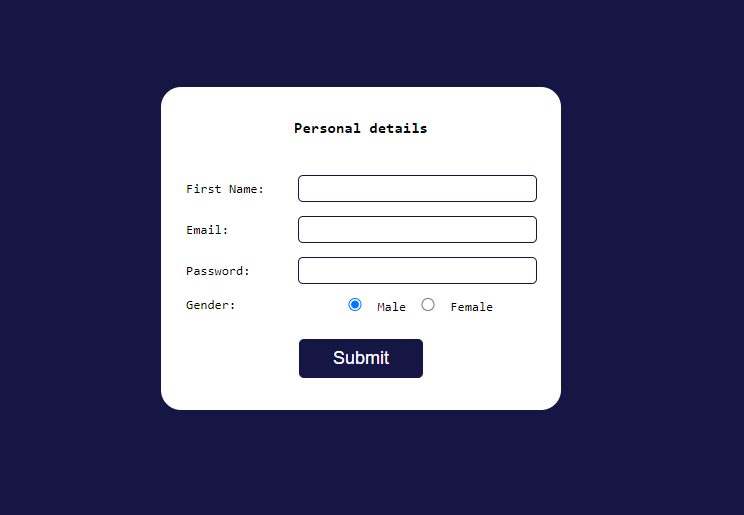
</div>

</div>

</body>

</html>

**Output**



**Problem no:** 04

**Problem name:** Write JavaScript to validate the following fields of the above registration page.

i) Name (Name should contains alphabets and the length should not be less than 6characters).

ii) Password (Password should not be less than 6 characters length).

iii) E-mail id (should not contain any invalid and must follow the standard patternname@domain.com)

iv) Phone number (Phone number should contain 10 digits only).

**Code:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Personal Details</title>

</head>

<style>

body{

margin: 0;

background: #151644;

font-family: monospace;

}

.container{

width: 400px;

margin: auto;

}

.content{

margin-top: 100px;

padding: 30px 20px;

background: #fff;

text-align: center;

border: 2px solid #fff;

border-radius: 20px;

}

.content h3{

margin: 0;

padding: 0;

margin-bottom: 30px;

}

.container table{

table-layout: auto;

width: 100%;

}

.right{

text-align: left;

}

form td input{

margin: 5px 0;

width: 98%;

padding: 5px 2px;

border: 2px solid #333;

border-radius: 5px;

}

form td input:focus{

border: 2px solid #151644;

outline: none;

}

.button{

margin-top: 20px;

padding:8px 30px;

background: #151644;

color: #fff;

font-size: 18px;

font-weight: 500;

border: 1px solid #151644;

border-radius: 5px;

display: block;

}

</style>

<script>

function validate\_uname(uname){

const letter = /^[a-zA-Z]+$/;

if(uname.match(letter)){

return false;

}

else {

return true;

}

}

function validate\_email(email){

const email\_validator = /^[A-Za-z\.\_\-0-9]\*[@][A-Za-z]\*[\.][a-z]{2,4}$/;

if(email.match(email\_validator)){

return false;

}

else {

return true;

}

}

function validate\_phone(phone){

const phone\_validator = /^[0-9]+$/;

if(phone.match(phone\_validator)){

return false;

}

else {

return true;

}

}

function validate(){

const uname = document.getElementById("name");

const email = document.getElementById("email");

const phone = document.getElementById("phone");

const password = document.getElementById("password");

if(uname.value.length < 6 || validate\_uname(uname.value)){

uname.style.borderColor = "red";

return false;

}

if(validate\_email(email.value)){

email.style.borderColor = "red";

return false;

}

if(validate\_phone(phone.value) || phone.value.length != 10){

phone.style.borderColor = "red";

return false;

}

if(password.value.length < 6){

password.style.borderColor = "red";

return false;

}

else{

alert("Successfully validate")

return true;

}

}

</script>

<body>

<div class="container">

<div class="content">

<h3>Personal details</h3>

<form onsubmit="return validate()" action="message.html" name="myform">

<table>

<tr>

<td class="right"><label for="name">Enter your Name: </label></td>

<td>

<input id="name" type="text" placeholder="Name at least 6 charecter">

</td>

</tr>

<tr>

<td class="right"><label for="email">Email: </label></td>

<td><input id="email" type="text" placeholder="Enter your email"></td>

</tr>

<tr>

<td class="right"><label for="phone">Phone Number: </label></td>

<td><input id="phone" type="text" placeholder="Phone number must be 10 digits"></td>

</tr>

<tr>

<td class="right"><label for="password">Password: </label></td>

<td><input id="password" type="password" placeholder="Password at least 6 charecter"></td>

</tr>

<tr>

<td></td>

<td><button class="button" type="submit">Submit</button></td>

</tr>

</table>

</form>

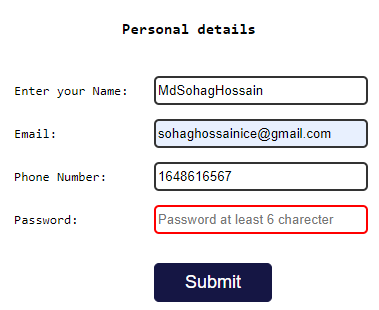
</div>

</div>

</body>

</html>

**Output:**



**Problem no:** 05

**Problem name:** Write HTML code to create a frameset with two vertical frames: the first frame is 250 pixelswide. Fill the first frame (left \_vertical) with links of *ice.html* and *it.html.* Second frame further divided into two horizontal frames(400px,350px).Fill the Top frame (right\_top)with *ice.html* and Bottom (right\_bottom) with *it.html*

**Code:**

<!DOCTYPE html>

<html>

<head>

<title>Home</title>

<meta charset="UTF-8">

</head>

<frameset cols="250,\*">

<frame src="ice.html" name="left\_vertical">

<frameset rows="400,350">

<frame src="ice.html" name="right\_top">

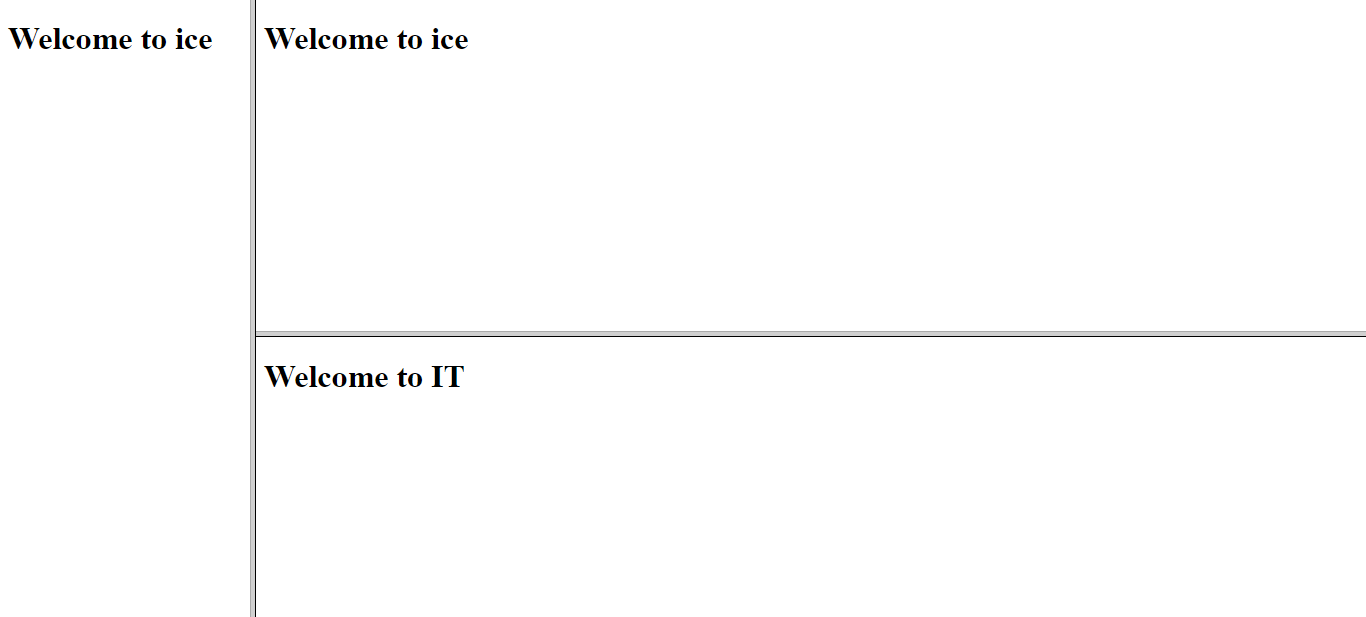
<frame src="it.html" name="right\_bottom">

</frameset>

</frameset>

</html>

**Output:**



**Problem no:** 06

**Problem name:** Write JavaScript code using a for loop that will iterate from 0 to 30. For each iteration, it will check if the current number is odd or even and display a message on the screen.

**Code:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Even Odd</title>

</head>

<style>

body p{

text-align: center;

}

</style>

<script>

for(i = 0; i<=30; i++){

if(i%2==0){

display\_div = i+" is an even number";

alert(display\_div);

}

else{

display\_div = i+" is an odd number";

alert(display\_div);

}

}

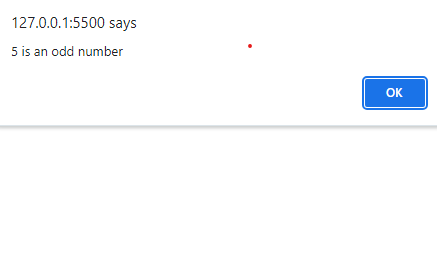
</script>

<body>

</body>

</html>

**Output:**



**Problem no:** 07

**Problem name:** Write a PHP program to calculate Electricity bill in single page for units.

**Conditions:**

For units less 50 – Taka. 3.50/unit

For units 51 to 100 – Taka. 4.00/unit

For units 101 to 200 – Taka. 5.20/unit

For units above 250 – Taka. 6.50/unit

**Code:**

<?php

$p = “”;

if(isset($\_POST["unit"])){

$unit = $\_POST["unit"];

$price = 0;

if($unit <= 50){

$price = $unit\*3.5;

}

elseif($unit <= 100){

$price = $unit\*4.0;

}

elseif($unit <= 200){

$price = $unit\*5.20;

}

else{

$price = $unit\*6.50;

}

$p = "<p> Unit is: ".$unit." Bill is ".$price." Taka</p>";

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Electric Bill</title>

</head>

<style>

body{

margin: 0;

}

.form\_style{

width: 300px;

margin: auto;

}

form{

margin-top: 80px;

font-family: arial;

}

form label{

margin-bottom: 10px;

display: block;

font-size: 18px;

}

form button{

margin-top: 10px;

padding: 3px 10px;

border: 1px solid #000;

background: #000;

color: #fff;

font-size: 18px;

border-radius: 2px;

}

</style>

<body>

<div class="form\_style">

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

<label for="unit">Enter your number of units</label>

<input type="number" id="unit" name="unit" value="<?php echo $unit ?>">

<br>

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

</form>

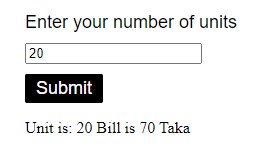
<?php echo ($p); ?>

</div>

</body>

</html>

**Output**



**Problem no:** 08

**Problem name:** Write a simple calculator program using PHP in single page.

**Operations:**

Addition

Subtraction

Multiplication

Division

**Code:**

<?php

$result="";

$num1=null;

$num2=null;

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

if(isset($\_GET['num1']) && isset($\_GET['num2']) && isset($\_GET['operation'])){

$num1 = $\_GET['num1'];

$num2 = $\_GET['num2'];

$op = $\_GET['operation'];

$result = "";

switch($op){

case "add":

$r = $num1 + $num2;

$result = "Addtion is: $num1 + $num2 = $r";

break;

case "sub":

$r = $num1 - $num2;

$result = "Substarction is: $num1 - $num2 = $r";

break;

case "mul":

$r = $num1 \* $num2;

$result = "Multiplication is: $num1 \* $num2 = $r";

break;

case "div":

$r = $num1 / $num2;

$result = "Division is: $num1 / $num2 = $r";

break;

}

}

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Calculator</title>

<style>

body{

font-family: monospace;

}

.container {

width: 50%;

margin: 0 auto;

}

form{

margin-top: 60px;

}

form label{

display: block;

font-size: 16px;

margin-top: 15px;

}

form input{

margin-top: 5px;

}

</style>

</head>

<body>

<div class="container">

<form method="GET">

<label for="num1">Enter your first number</label>

<input type="text" id="num1" name="num1" value="<?php echo $num1 ?>"required>

<label for="num2">Enter your second number</label>

<input type="text" id="num2" name="num2" value="<?php echo $num2 ?>"required>

<label for="op">Select a operation</label>

<select id="op" name="operation">

<option value="add">Addition</option>

<option value="sub">Substraction</option>

<option value="mul">Multiplication</option>

<option value="div">Division</option>

</select>

<br>

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

</form>

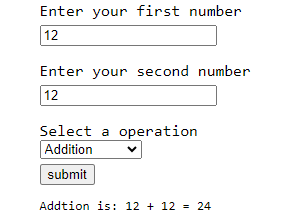
<?php echo "<p>$result</p>"?>

</div>

</body>

</html>

**Output**



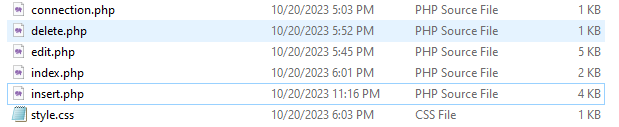
**Problem no:** 9

**Problem name:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. Solve the following **Task-1** and **Task-2.**   **Task-1:** Create a database called **Student** in XAMPP MySQL.  **Task-2:** Create a table called **Semester\_Reg** in the **Student** database having the structure as shown below.   |  |  |  | | --- | --- | --- | | **Field name** | **Data type** | **Requirement** | | ID | Number/Text | Mandatory and primary key | | Name | Text | Mandatory | | Session | Text | Must follow the format like **2017-2018** | | Phone\_No | Text | Optional | | City | Text | For example **Pabna** | | Gender | Text | Only (**Male or Female**) |  1. Solve the following **P** marked tasks.   **Task 3:**  Insert some sample data into **Semester\_Reg** table using PHP program.  **Task 4:** Write a PHP program to show the all records of **Semester\_Reg** table.  **Task 5:** Delete single sample data from **Semester\_Reg** table using PHP program.  **Task 6:** Update one sample data of **Semester\_Reg** table using PHP program. |

**Code:**

**Folder structure:**



**Connection.php:**

<?php

$host\_name ="localhost";

$user\_name ="weblab";

$password="weblab";

$db\_name ="student";

$conn = new mysqli($host\_name, $user\_name, $password, $db\_name);

if($conn -> connect\_error){

die( "Faild to connect mysql" . $conn -> connect\_error);

}

Index.php:

<?php

require\_once("connection.php");

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Student info</title>

<link rel="stylesheet" href="style.css">

</head>

<body>

<div class="container">

<div class="table">

<h2>All Students</h2>

<table >

<tr>

<th>Id</th>

<th>Name</th>

<th>Session</th>

<th>Phone number</th>

<th>City</th>

<th>Gender</th>

<th>Action</th>

</tr>

<?php

$sql = "SELECT \* FROM semester\_reg";

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

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

echo "<tr>

<td>$row[id]</td>

<td>$row[name]</td>

<td>$row[st\_session]</td>

<td>$row[phone]</td>

<td>$row[city]</td>

<td>$row[gender]</td>

<td>

<a class='edit\_btn' href='edit.php?id=$row[id]'>Edit</a>

<a class='delete\_btn' href='delete.php?id=$row[id]'>Delete</a>

</td>

</tr>";

}

$conn->close();

?>

</table>

</div>

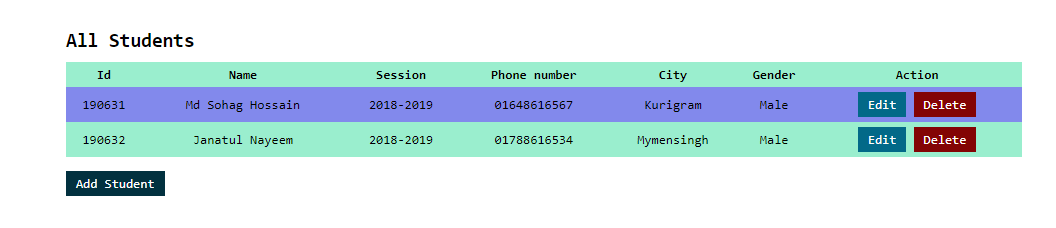
<a class="add\_btn" href="insert.php">Add Student</a>

</div>

</body>

</html>

**Output**



**Insert.php:**

<?php

require\_once("connection.php");

$id = "";

$name = "";

$session = "";

$phone = "";

$city = "";

$gender = "";

$error\_message = "";

$success\_message = "";

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

$id = $\_POST["id"];

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

$session = $\_POST["session"];

$phone = $\_POST["phone"];

$city = $\_POST["city"];

$gender = $\_POST["gender"];

if(empty($id) || empty($name) || empty($session) || empty($phone) || empty($city) || empty($gender)){

$error\_message = "All fields are required";

}

else{

// add new data

$sql = "INSERT INTO semester\_reg(id, name, st\_session, phone, city, gender)

VALUES('$id', '$name', '$session', '$phone', '$city', '$gender')";

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

if(!$result){

$error\_message = "Invalid query". $conn -> error;

}

$id = "";

$name = "";

$session = "";

$phone = "";

$city = "";

$gender = "";

$success\_message = "New student added";

header("location: index.php");

exit;

}

}

$conn->close();

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Add Student</title>

<link rel="stylesheet" href="style.css">

</head>

<body>

<div class="container">

<div class="form">

<h2>Add Student</h2>

<?php if(!empty($error\_message)) echo "<p class='error\_message'>$error\_message</p>"; ?>

<form method="POST">

<table>

<tr>

<td><label for="id">Id</label></td>

<td><input type="text" id="id" name="id" value="<?php echo $id; ?>"></td>

</tr>

<tr>

<td><label for="name">Student Name</label></td>

<td><input type="text" id="name" name="name" value="<?php echo $name; ?>"></td>

</tr>

<tr>

<td><label for="session">Session</label></td>

<td><input type="text" id="session" name="session" value="<?php echo $session; ?>"></td>

</tr>

<tr>

<td><label for="phone">Phone</label></td>

<td><input type="text" id="phone" name="phone" value="<?php echo $phone; ?>"></td>

</tr>

<tr>

<td><label for="city">City</label></td>

<td><input type="text" id="city" name="city" value="<?php echo $city; ?>"></td>

</tr>

<tr>

<td>Gender</td>

<td>

<input type="radio" id="male" name="gender" value="Male" checked> <span>Male</span>

<input type="radio" id="female" name="gender" value="Female"> <span>Female</span>

</td>

</tr>

<tr>

<td></td>

<td><input type="submit"></td>

</tr>

</table>

<?php if(!empty($success\_message)) echo "<p class='success\_message'>$success\_message</p>"; ?>

</form>

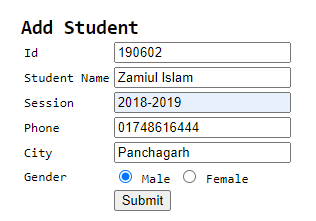
</div>

</div>

</body>

</html>

**Output**



**Edit.php**

<?php

require\_once("connection.php");

$id = "";

$name = "";

$session = "";

$phone = "";

$city = "";

$gender = "";

$error\_message = "";

$success\_message = "";

if($\_SERVER['REQUEST\_METHOD'] == 'GET'){

if(!isset($\_GET["id"])){

header("location: index.php");

exit;

}

$id = $\_GET["id"];

$sql = "SELECT \* FROM semester\_reg WHERE id=$id";

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

$row = $result -> fetch\_assoc();

if(!$row){

header("location: index.php");

exit;

}

$id = $row["id"];

$name = $row["name"];

$session = $row["st\_session"];

$phone = $row["phone"];

$city = $row["city"];

$gender = $row["gender"];

}

else{

$id = $\_POST["id"];

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

$session = $\_POST["session"];

$phone = $\_POST["phone"];

$city = $\_POST["city"];

$gender = $\_POST["gender"];

do{

if(empty($name) || empty($session) || empty($phone) || empty($city) || empty($gender)){

$error\_message = "All fields are required";

break;

}

// add new data

$sql = "UPDATE semester\_reg

SET name='$name',

st\_session='$session',

phone='$phone',

city='$city',

gender='$gender'

WHERE id=$id ";

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

if(!$result){

$error\_message = "Invalid query". $conn -> error;

break;

}

header("location: index.php");

exit;

} while(true);

}

$conn->close();

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Add Student</title>

<link rel="stylesheet" href="style.css">

</head>

<body>

<div class="container">

<div class="form">

<h2>Add Student</h2>

<?php if(!empty($error\_message)) echo "<p class='error\_message'>$error\_message</p>"; ?>

<form method="POST">

<input type="hidden" name="id" value="<?php echo $id; ?>">

<table>

<tr>

<td><label for="name">Student Name</label></td>

<td><input type="text" id="name" name="name" value="<?php echo $name; ?>"></td>

</tr>

<tr>

<td><label for="session">Session</label></td>

<td><input type="text" id="session" name="session" value="<?php echo $session; ?>"></td>

</tr>

<tr>

<td><label for="phone">Phone</label></td>

<td><input type="text" id="phone" name="phone" value="<?php echo $phone; ?>"></td>

</tr>

<tr>

<td><label for="city">City</label></td>

<td><input type="text" id="city" name="city" value="<?php echo $city; ?>"></td>

</tr>

<tr>

<td>Gender</td>

<td>

<input type="radio" id="male" name="gender" value="Male"> <span>Male</span>

<input type="radio" id="female" name="gender" value="Female"> <span>Female</span>

</td>

</tr>

<tr>

<td></td>

<td><input type="submit" value="Update"></td>

</tr>

</table>

<?php if(!empty($success\_message)) echo "<p class='success\_message'>$success\_message</p>"; ?>

</form>

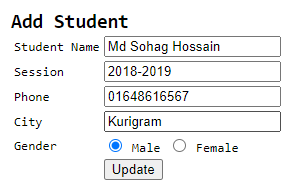
</div>

</div>

</body>

</html>

**Output**



**Delete.php**

<?php

require\_once("connection.php");

if(isset($\_GET["id"])){

$id = $\_GET["id"];

$sql = "DELETE FROM semester\_reg WHERE id=$id";

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

if($result){

header("location: index.php");

}

}

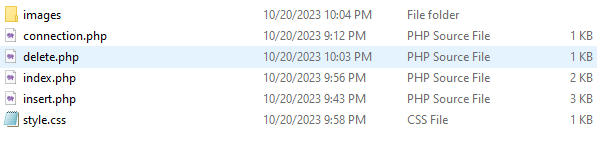
**Problem no:** 10

**Problem name:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. Solve the following **Task-1** and **Task-2.**   **Task-1:** Create a database called **Programmer-** in XAMPP MySQL.  **Task-2:** Create a table called **Stu\_Reg** in the **Programmer** database having the structure as shown below.   |  |  |  | | --- | --- | --- | | **Field name** | **Data type** | **Requirement** | | ID | Varchar (30) | Mandatory and primary key | | Name | Text | Optional | | Image | Varchar(400) | Optional | | Password | Number/ Varchar (20) | Mandatory |  1. Solve the following **P** marked tasks.   **Task 3:**  Insert some sample data into **Stu\_Reg** table including an encryption algorithm to secure the password.  **Task 4:** Write a PHP program to show the all records of **Stu\_Reg** table.  **Task 5:** Delete single sample record from **Stu\_Reg** table using PHP program. |

**Code:**

**Folder Structure:**



**Index.php:**

<?php

require\_once("connection.php");

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Student info</title>

<link rel="stylesheet" href="style.css">

</head>

<body>

<div class="container">

<div class="table">

<h2>All Programmer</h2>

<table >

<tr>

<th>Id</th>

<th>Name</th>

<th>Image</th>

<th>Action</th>

</tr>

<?php

$sql = "SELECT \* FROM stu\_reg";

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

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

echo "

<tr>

<td>$row[id]</td>

<td>$row[name]</td>

<td><img src='$row[image]'/></td>

<td><a class='delete\_btn' href='delete.php?id=$row[id]'>Delete</a></td>

</tr>

";

}

?>

</table>

</div>

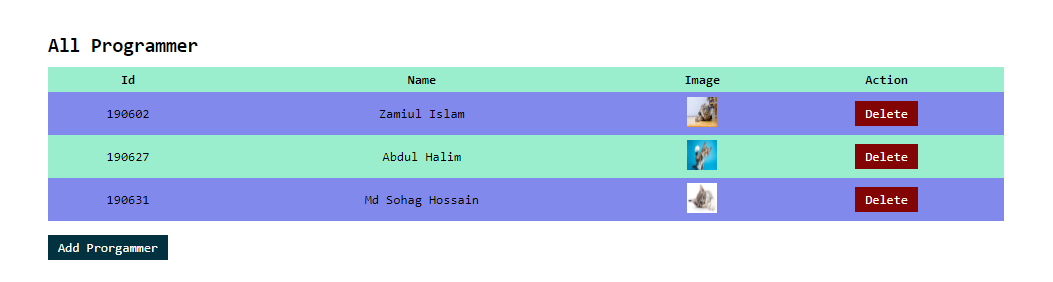
<a class="add\_btn" href="insert.php">Add Prorgammer</a>

</div>

</body>

</html>

**Output**



**Insert.php**

<?php

require\_once("connection.php");

$targetDir = "images/";

if(isset($\_POST['id']) && isset($\_POST['name'])&& isset($\_FILES['image']) && isset($\_POST['password'])){

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

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

$password = (string)md5($\_POST['password']);

$fileName = basename($\_FILES['image']['name']);

$targetFilePath = $targetDir.$fileName;

$image = (string)$targetFilePath;

$sql = "INSERT INTO stu\_reg(id, name, image, p\_password)

VALUES('$id', '$name', '$image', '$password')";

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

if($result){

move\_uploaded\_file($\_FILES['image']['tmp\_name'], $targetFilePath);

header("location: index.php");

}

else{

echo "Not Added";

}

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Add Student</title>

<link rel="stylesheet" href="style.css">

</head>

<body>

<div class="container">

<div class="form">

<h2>Add Programmer</h2>

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

<table>

<tr>

<td><label for="id">Id</label></td>

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

</tr>

<tr>

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

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

</tr>

<tr>

<td><label for="image">Upload Profile</label></td>

<td><input type="file" id="image" name="image"></td>

</tr>

<tr>

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

<td><input type="password" id="password" name="password"></td>

</tr>

<tr>

<td></td>

<td><input type="submit" name="submit" value="submit"></td>

</tr>

</table>

</form>

</div>

</div>

</body>

</html>

**Output**

