**Index**

|  |  |  |
| --- | --- | --- |
|  | **Problem Name** | **Page** |
| **01** | Design a simple webpage using only HTML tag where:<head>,<title>,<body>,<div>,<span> should be used as needed. |  |
| **02** | Using Text Link design a simple website to navigate between different pages (minimum two pages and one page must contain an image link and another page contain 3\*4 table. |  |
| **03** | Using CSS menu, design a simple website to navigate between different pages (minimum three) and each page must contain heading, paragraph, text formatting tag and mouse over links to back to homepage. |  |
| **04** | Design a form that contains “Text Field”, “Text Area”, “Check Boxes”, Radio Button”, “List Boxes”, Submit Button”, Reset Button” and store the value of this form into My-SQL database and show the stored information into another page using PHP program. |  |
| **05** | Design a Webpage that collects student information and subject marks and store those to My-sql database. Show the result in grading system in other page. |  |
| **06** | Design a page where a user can input his/her personal information like name, address, email, gender mobile number etc. and perform input validation using JavaScript like valid email, mobile number should be 11 digit, mandatory field check etc. |  |
| **07** | Design a webpage containing JavaScript function that perform various action like change text, change color, remove tag by different events like mouse click, mouseover etc. |  |

**Problem 1: Design a simple webpage using only HTML tag where: <head>, <title>,<body>,<div>,<span> should be used as needed.**

<!DOCTYPE html>

<html>

<head>

**<title> CSE Dept </title>**

</head>

<body>

<div class>

<h2>**Institute of Science and Technology**</h2>

</div>

<div>

<h2>**Department of CSE**</h2>

<p>**Some Text.**</p>

</div>

</div>

<div>

<div>

<h2>**Contact**</h2>

<pre>

**IST,Dhaka**

</pre>

</div>

</div>

</div>

</body>

</html>

**Problem 2: Using Text Link design a simple website to navigate between different pages (minimum two pages and one page must contain an image link and another page contain 3\*4 table.**

**Code:**

**Index.html**

<!DOCTYPE html>

<html>

<title>**photography**</title>

<body>

<div >

<h1 class=**"w3-xlarge"**>**Gaming Photography**</h1>

<a href=**"table.html"**>**Image List**</a>

<a href=**"#"**>**Photos**</a>

<a href=**"info.html**>**Contact**</a>

</div>

</div>

<div class>

<img src=**"pc3.jpg"** style=**"width:100%"**>

<a href=**"nw.html"**>

<img src=**"pc4.jpg"** style=**"width:100%"**>

</div>

</div>

</div>

<p>>**Jakaria Islam Emon**</p>

</footer>

</body>

</html>

**Table.html**

<!DOCTYPE html>

<html>

<head>

</head>

<body>

<h2 align=**"Center"**>**Image List**</h2>

<table>

<tr>

<th>**Game Name** </th>

<th>**Number Of Image**</th>

<th>**Platform**</th>

</tr>

<tr>

<td>**Just Cause 4**</td>

<td>**100**</td>

<td>**PC,PS4,Xbox**</td>

</tr>

<tr>

<td>**Assassinse Creed Odeyse** </td>

<td>**520**</td>

<td>**PC,PS4,Xbox**</td>

</tr>

<tr>

<td>**Titanfall 2**</td>

<td>**20**</td>

<td>**PC**</td>

</tr>

</table>

</body>

</html>

**Info.html**

<!DOCTYPE html>

<html>

<head>

</head>

<body>

<div class=**"nav"**>

<h1 align=**"center"**> **Contact Information** <h1>

<h2 align=**"center"**> **Mobile: 01708607620** <h2>

<img

<div>

</body>

</html>

**Problem 3: Using CSS menu, design a simple website to navigate between different pages (minimum three) and each page must contain heading, paragraph, text formatting tag and mouse over links to back to homepage.**

**Code:**

<!DOCTYPE html>

<html lang=**"en"**>

<head>

<title>**Page Title**</title>

<meta charset=**"UTF-8"**>

<meta name=**"viewport"** content=**"width=device-width, initial-scale=1"**>

<style>

**}**

**.navbar {**

**overflow: hidden;**

**background-color: #333;**

**position: sticky;**

**position: -webkit-sticky;**

**top: 0;**

**}**

**.navbar a {**

**float: left;**

**display: block;**

**color: white;**

**text-align: center;**

**padding: 14px 20px;**

**text-decoration: none;**

**}**

**.navbar a.right {**

**float: right;**

**}**

**.navbar a:hover {**

**background-color: #ddd;**

**color: black;**

**}**

**.navbar a.active {**

**background-color: #666;**

**color: white;**

</style>

</head>

<body>

<div class=**"header"**>

<h1>**My Website**</h1>

<p>**A** <b>**responsive**</b> **website created by me.**</p>

</div>

<div class=**"navbar"**>

<a href=**"#"** class=**"active"**>**Home**</a>

<a href=**"#"**>**Link**</a>

<a href=**"#"**>**Link**</a>

<a href=**"#"** class=**"right"**>**Link**</a>

</div>

<div >

<h2>**About Me**</h2>

<h5></h5>

</div>

</div>

</body>

</html>

**Problem 4: Design a form that contains “Text Field”, “Text Area”, “Check Boxes”, Radio Button”, “List Boxes”, Submit Button”, Reset Button” and store the value of this form into My-SQL database and show the stored information into another page using PHP program.**

**New registration.php**

<?php

$mysqli = mysqli\_connect(localhost, root, ‘ ’, “enrolment’);

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

**include**('db.php');

$name = **addslashes**($\_POST['name']);

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

$address = **addslashes**($\_POST['address']);

$result =**mysqli\_query**($mysqli,"INSERT INTO `employee` (`name`,`gender`, `b `blood`,`address`) VALUES ('**$name**', '**$gender**','**$dept**', '**$address**');") **or** **die**(**mysql\_error**())

}

}

?>

<center>

<h2> **Student Entry Form** </h2>

**Name**

<input type=**"text"** name=**"name”>**

**Blood:**

<input type=**"text"** name=**"blood"**/>

**Gender:**

<label><input type=**"radio"** name=**"gender"** value=**"Male"** />**Male**</label>

<label><input type=**"radio"** name=**"gender"** value=**"Female"** />**Female**</label>

**Address**

<textarea name=**"address"** cols=**"30"** rows=**"2"**></textarea>

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

</form>

</div>

</center>

**Display:**

**<h2 align="center">List of Students </h2>**

**<table class="list" cellspacing="0" cellpadding="5" width="100%">**

**<thead>**

**<tr>**

**<th align="left" bgcolor="#DFDFDF">Name</th>**

**<th align="left" bgcolor="#DFDFDF">Gender</th>**

**<th align="left" bgcolor="#DFDFDF">Address</th>**

**</tr>**

**</thead>**

**<tbody>**

**<?php**

**while($res=mysqli\_fetch\_array($result)) {**

**echo "<tr>";**

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

**echo "<td>".$res['gender']."</td>";**

**echo "<td>".$res['address']."</td>"; }**

**?> </tbody></table**

**Problem 6: Design a page where a user can input his/her personal information like name, address, email, gender mobile number etc. and perform input validation using JavaScript like valid email, mobile number should be 11 digit, mandatory field check etc.**

***Code:***

**javascript-form-validation.html**

<!DOCTYPE html>

<body >

<h1>**Registration Form**</h1>

<form name=**'registration'** onSubmit=**"return formValidation();"**>

<ul>

<li><**Name:**</li>

<li><input type=**"text"** name=**"username"** /></li>

<li><>**Address:**<</li>

<li><input type=**"text"** name=**"address"** /></li>

<li><label for=**"zip"**>**Mobile No:**</label></li>

<li><input type=**"text"** name=**"zip"** /></li>

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

<li><input type=**"text"** name=**"email"** size=**"50"** /></li>

</form>

</body>

</html>

**form-validation.js**

**function** formValidation**()**

**{**

**var** uname **=** **document.**registration**.**username**;**

**var** uadd **=** **document.**registration**.**address**;**

**var** uzip **=** **document.**registration**.**zip**;**

**var** uemail **=** **document.**registration**.**email**;**

**if(**allLetter**(**uname**))**

**{**

**if(**alphanumeric**(**uadd**))**

**{**

**if(**allnumeric**(**uzip**))**

**{**

**if(**ValidateEmail**(**uemail**))**

**{}}}**

**return** **false;**

**}**

**function** allLetter**(**uname**)**

**{**

**var** letters **=** **/^[A-Za-z]+$/;**

**if(**uname**.**value**.**match**(**letters**))**

**{**

**return** **true;**

**}**

**else**

**{**

**alert(**'Username must have alphabet characters only'**);**

uname**.focus();**

**return** **false;**

**}**

**}**

**function** alphanumeric**(**uadd**)**

**{**

**var** letters **=** **/^[0-9a-zA-Z]+$/;**

**if(**uadd**.**value**.**match**(**letters**))**

**{**

**return** **true;**

**}**

**else**

**{**

**alert(**'User address must have alphanumeric characters only'**);**

uadd**.focus();**

**return** **false;**

**}**

**}**

**function** allnumeric**(**uzip**)**

**{**

**var** numbers **=** **/^[0-9]+$/;**

**if(**uzip**.**value**.**match**(**numbers**))**

**{**

**return** **true;**

**}**

**else**

**{**

**alert(**'Mobile number must have numeric characters only'**);**

uzip**.focus();**

**return** **false;**

**}**

**}**

**function** ValidateEmail**(**uemail**)**

**{**

**var** mailformat **=** **/^\w+([\.-]?\w+)\*@\w+([\.-]?\w+)\*(\.\w{2,3})+$/;**

**if(**uemail**.**value**.**match**(**mailformat**))**

**{**

**return** **true;**

**}**

**else**

**{**

**alert(**"You have entered an invalid email address!"**);**

**return** **false;**

**}**

**}**