|  |
| --- |
| 1. **HTML Example Webpage to show various HTML tags and implement CSS and JavaScript** |

<!DOCTYPE html>

<!--HTML,CSS,JavaScript Example-->

<html lang="en-US">

<head>

<style>

body {background-color: powderblue;}

h1 {color: blue;}

p {color:seagreen;}

</style>

<script>

function myFunction()

{

document.getElementById("para").innerHTML="Changed using JavaScript!";

}

</script>

</head>

<body>

<h1>HTML Example</h1>

<img src="C:\Users\sudar\Pictures\logo.png" alt="logo">

<br>

<a href="https://www.rajagiri.edu">Website</a>

<p>An HTML Webpage to show various HTML Tags and and Introduction to CSS and JavaScript</p>

<hr>

<h2 style="font-family:Impact, Haettenschweiler, 'Arial Narrow Bold', sans-serif;">Heading 2 Tag</h2>

<h1>Heading 1 Tag</h1>

<p style="font-size: 160%; font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;" title="Tutor:Diljith">This is a new paragraph</p>

<p>Some content inside paragraph <q>quotations start here</q></p>

<p id="para">Original</p>

<button type="button" onclick="myFunction()">Click to Change above Text using JavaScript</button>

<address>Created by Sudarshan R Prabhu<br> visit us at <br> www.rajagiri.edu</address>

</body>

</html>

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

|  |
| --- |
| 1. **HTML Webpage to Implement Bookmark** |

<!DOCTYPE html>

<html>

<body>

<h1>THIS NOVEL CONTAINS MANY CHAPTERS</h1>

<p><a href="#C10">Jump to Chapter 10</a></p>

<h2>Chapter 1</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 2</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 3</h2>

<p>This chapter explains ba bla bla</p>

<h2 id="C4">Chapter 4</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 5</h2>

<p>This chapter explains ba bla bla</p>

<h2 id="c6">Chapter 6</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 7</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 8</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 9</h2>

<p>This chapter explains ba bla bla</p>

<h2 id="C10">Chapter 10</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 11</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 12</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 13</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 14</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 15</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 16</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 17</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 18</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 19</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 20</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 21</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 22</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 23</h2>

<p>This chapter explains ba bla bla</p>

</body>

</html>

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, Word

Description automatically generated

|  |
| --- |
| 1. **HTML Webpage to change CSS using JavaScript** |

<!DOCTYPE html>

<html>

<body>

<h1>Changing CSS using JavaScript</h1>

<h2 id="demo">JavaScript can change the style of an HTML element.</h2>

<button type="button" onclick="document.getElementById('demo').style.color='blue'">Change Above Text Color to Blue</button>

</body>

</html>

Graphical user interface, text, application, Word

Description automatically generated

Graphical user interface, text, application, Word

Description automatically generated

|  |
| --- |
| 1. **HTML Webpage to create a Table** |

<!DOCTYPE html>

<html>

<head>

<style>

body{font-size: larger;}

table,td{border: 1px solid black;}

</style>

</head>

<body>

<h1>Table in HTML(With Border)</h1>

<table>

<tr>

<th>1st column</th>

<th>2nd column</th>

</tr>

<tr>

<td>Row 1, column 1</td>

<td>Row 1, column 2</td>

</tr>

<td>Row 2, column 1</td>

<td>Row 2, column 2</td>

</table>

</body>

</html>

Graphical user interface, text, application, Word

Description automatically generated

|  |
| --- |
| 1. **HTML Webpage to Print Current Date and Time using JavaScript** |

<!DOCTYPE html>

<html>

<body>

<p>Creating a new Date Object with current Date and Time using JavaScript</p>

<h1 id="demo"></h1>

<script>

const d = new Date();

document.getElementById("demo").innerHTML = d;

</script>

</body>

</html>

Graphical user interface, text, application

Description automatically generated

|  |
| --- |
| 1. **HTML Webpage to Implement Countdown Timer** |

<!DOCTYPE html>

<html>

<body>

<h1 id="demo"></h1>

<script>

var countDownDate = new Date("Jan 5, 2024 15:37:25").getTime();

var x = setInterval(function() {

var now = new Date().getTime();

var distance = countDownDate - now;

var days = Math.floor(distance / (1000 \* 60 \* 60 \* 24));

var hours = Math.floor((distance % (1000 \* 60 \* 60 \* 24)) / (1000 \* 60 \* 60));

var minutes = Math.floor((distance % (1000 \* 60 \* 60)) / (1000 \* 60));

var seconds = Math.floor((distance % (1000 \* 60)) / 1000);

document.getElementById("demo").innerHTML = days + "d " + hours + "h " + minutes + "m " + seconds + "s ";

if (distance < 0) {

clearInterval(x);

document.getElementById("demo").innerHTML = "EXPIRED";

}

}, 1000);

</script>

</body>

</html>

Graphical user interface, application, Word

Description automatically generated

|  |
| --- |
| 1. **HTML Webpage to create a Search Bar** |

<!DOCTYPE html>

<html>

<head>

<style>

.searchbox {

float: left;

}

input[type=text] {

padding:0 6px;

margin-top: 8px;

font-size: 17px;

border: none;

}

.searchbox button {

padding: 8px;

margin-top: 10px;

margin-left: 10px;

background: orange;

font-size: 20px;

border: none;

cursor: pointer;

}

.searchbox button:hover {

background: blue;

}

</style>

</head>

<body>

<div class="searchbox">

<form>

<input type="text" placeholder=" Search...." name="search">

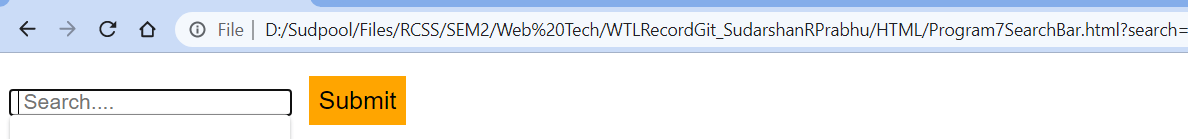
<button type="submit">Submit</button>

</form>

</div>

</body>

</html>



|  |
| --- |
| 1. **HTML Webpage to Create a Navigation Bar using CSS** |

<!DOCTYPE html>

<html>

<head>

<style>

.topnav {

background-color: #333;

overflow: hidden;

}

.topnav a {

float: left;

color: #f2f2f2;

text-align: center;

padding: 14px 16px;

text-decoration: none;

font-size: 17px;

}

.topnav a:hover {

background-color: #ddd;

color: black;

}

.topnav a.active {

background-color: #04AA6D;

color: white;

}

</style>

</head>

<body>

<div class="topnav">

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

<a href="#news">News</a>

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

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

</div>

</body>

</html>

Graphical user interface, text, application

Description automatically generated

|  |
| --- |
| 1. **HTML Webpage to create a Login Form and Validate using JavaScript** |

<!DOCTYPE html>

<html>

<head>

<style>

body {background-color:white;font-size: 150%;}

h1 {font-family: cambria; color:seagreen;}

h2 {font-family: consolas; color:dimgrey;}

a {font-family: times new roman; font-size: medium;}

a:link{color: green;background-color: transparent;text-decoration: none;}

a:visited{color: blue;background-color: transparent;text-decoration: none;}

a:active{color: red; background-color: transparent; text-decoration: none;}

a:hover{color: white;background-color: transparent;text-decoration: underline;}

form {background-color:whitesmoke; font-family: courier new;}

input {height: 25px; width: 300px; font-size:medium; font-family: courier new;}

footer {background-color:lightgreen; font-size: small; margin-top: 100px;}

button {height: 25px; width: 300px; font-size:medium; font-family: courier new;}

button:hover {background-color: seagreen; color: white;}

.loginf {

height: 375px;

width: 500px;

}

</style>

<script>

function validateL()

{

var flag = 0;

var userL = document.getElementById("stuidtxt");

var pwd = document.getElementById("pswrd");

document.getElementById("userLerror").style.display="none";

document.getElementById("pwdLerror").style.display="none";

if(userL.value.length == 0)

{

flag=1;

document.getElementById("userLerror").style.display="inline";

}

if(pwd.value.length == 0)

{

flag=1;

document.getElementById("pwdLerror").style.display="inline";

}

if(flag==0)

{

alert("Feature Not Available")

}

}

</script>

</head>

<body>

<h1>

<img src="logo.png">

Computer Science Department

</h1>

<h2>Student Login</h2>

<hr>

<form class="loginf" name="loginform">

<br>

<b>Login :</b><br><br>

<input type="text" name="stuidtxt" id="stuidtxt" placeholder="Student ID"><label id="userLerror" style="display: none; color: red; font-size: medium;">Cannot be Blank!</label><br><br>

<input type="password" name="pswrd" id="pswrd" placeholder="Password"><label id="pwdLerror" style="display: none; color: red;font-size: medium;">Cannot be Blank!</label><br><br>

<a href="#fpass" onclick="notAvail()">Forgot Password?</a><br><br>

<button type="button" name="login" id="login" onclick="validateL()">Login</button><br><br>

<a href="register.html">Not Yet Registered?</a>

</form>

<footer>

<hr>

<address>

Rajagiri College of Social Sciences (Autonomous),<br>

Rajagiri P.O, Kalamassery, Cochin - 683 104,<br>

Kerala, India.<br>

<a href="https://rajagiri.edu/">Click here</a> for Official Website.

</address>

</footer>

</body>

</html>

Graphical user interface

Description automatically generated

|  |
| --- |
| 1. **HTML Webpage to create a Registration Form and Validate using JavaScript** |

<!DOCTYPE html>

<html>

<head>

<style>

body {background-color:white;font-size: 150%;}

h1 {font-family: cambria; color:seagreen;}

h2 {font-family: consolas; color:dimgrey;}

a {font-family: times new roman; font-size: medium;}

a:link{color: green;background-color: transparent;text-decoration: none;}

a:visited{color: blue;background-color: transparent;text-decoration: none;}

a:active{color: red; background-color: transparent; text-decoration: none;}

a:hover{color: white;background-color: transparent;text-decoration: underline;}

form {background-color:whitesmoke; font-family: courier new;}

input {height: 25px; width: 300px; font-size:medium; font-family: courier new;}

footer {background-color:lightgreen; font-size: small; margin-top: 100px;}

button {height: 25px; width: 300px; font-size:medium; font-family: courier new;}

button:hover {background-color: seagreen; color: white;}

.regisf {

font-size: medium;

height: 575px;

}

.radiob {

font-size:medium;

font-family: courier new;

width:auto;

}

</style>

<script>

function validateR()

{

var flag = 0;

var userR = document.getElementById("stuidtxtR");

var pwdR = document.getElementById("pswrdR");

var cpwdR = document.getElementById("cpswrdR");

var fn = document.getElementById("fnametxt");

var ln = document.getElementById("lnametxt");

var em = document.getElementById("emailtxt");

var db = document.getElementById("dob");

document.getElementById("stuiderror").style.display="none";

document.getElementById("pwdRerror").style.display="none";

document.getElementById("cpwdRerror").style.display="none";

document.getElementById("fnameerror").style.display="none";

document.getElementById("lnameerror").style.display="none";

document.getElementById("emailerror").style.display="none";

document.getElementById("pwdmatch").style.display="none";

document.getElementById("invmail").style.display="none";

document.getElementById("doberror").style.display="none";

if(userR.value.length == 0)

{

flag=1;

document.getElementById("stuiderror").style.display="inline";

}

if(pwdR.value.length == 0)

{

flag=1;

document.getElementById("pwdRerror").style.display="inline";

}

if(cpwdR.value.length == 0)

{

flag=1;

document.getElementById("cpwdRerror").style.display="inline";

}

if(fn.value.length == 0)

{

flag=1;

document.getElementById("fnameerror").style.display="inline";

}

if(ln.value.length == 0)

{

flag=1;

document.getElementById("lnameerror").style.display="inline";

}

if(em.value.length == 0)

{

flag=1;

document.getElementById("emailerror").style.display="inline";

}

if(pwdR.value != cpwdR.value)

{

flag=1;

document.getElementById("pwdmatch").style.display="inline";

}

if (!em.value.match(/^\w+([\.-]?\w+)\*@\w+([\.-]?\w+)\*(\.\w{2,3})+$/))

{

flag=1;

document.getElementById("invmail").style.display="inline";

}

if(db.value.length == 0)

{

flag=1;

document.getElementById("doberror").style.display="inline";

}

if(flag==0)

{

alert("Feature Not Available")

}

}

</script>

</head>

<body>

<h1>

<img src="logo.png">

Computer Science Department

</h1>

<h2>Registration</h2>

<hr>

<form class="regisf" name="regisform">

<br>

<a href="login.html">Already Registered?</a><br><br>

<input type="text" id="stuidtxtR" name="stuidtxtR" placeholder="Student ID"><label id="stuiderror" style="display: none; color: red;font-size: medium">Cannot be Blank!</label><br><br>

<input type="text" id="fnametxt" name="fnametxt" placeholder="First Name"><label id="fnameerror" style="display: none;color: red;font-size: medium">Cannot be Blank!</label><br><br>

<input type="text" id="lnametxt" name="lnametxt" placeholder="Last Name"><label id="lnameerror" style="display: none;color:red;font-size: medium">Cannot be Blank!</label><br><br>

<label for="dob">Date of Birth :</label><br><br>

<input type="date" id="dob"><label id="doberror" style="display: none; color: red;font-size: medium">Cannot be Blank!</label><br><br>

<label>Gender : </label>

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

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

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

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

<input type="radio" id="other" name="gender" value="other" class="radiob">

<label for="other">Other</label><label id="generror" style="display: none; color: red;font-size: medium">Cannot be Blank!</label><br><br>

<label for="course">Course : </label><label id="courserror" style="display: none; color: red;font-size: medium">Cannot be Blank!</label>

<select name="course" id="course">

<option disabled selected value>-</option>

<option value="mca">Master of Computer Applications(MCA)</option>

<option value="msccsda">MSc Computer Science(Data Analytics)</option>

</select><br><br>

<input type="text" id="emailtxt" name="emailtxt" placeholder="E-Mail"><label id="emailerror" style="display: none; color: red;font-size: medium;">Cannot be Blank!</label><label id="invmail" style="display: none; color: red;font-size: medium">Invalid Email!</label><br><br>

<input type="password" id="pswrdR" name="pswrdR" placeholder="Password"><label id="pwdRerror" style="display: none; color: red;font-size: medium">Cannot be Blank!</label><label id="pwdmatch" style="display: none; color: red;font-size: medium">Do Not Match!</label><br><br>

<input type="password" id="cpswrdR" name="cpswrdR" placeholder="Confirm Password"><label id="cpwdRerror" style="display: none; color: red;font-size: medium">Cannot be Blank!</label><br><br>

<button name="register" id="register" type="button" onclick="validateR()">Register</button>

</form>

<footer>

<hr>

<address>

Rajagiri College of Social Sciences (Autonomous),<br>

Rajagiri P.O, Kalamassery, Cochin - 683 104,<br>

Kerala, India.<br>

<a href="https://rajagiri.edu/">Click here</a> for Official Website.

</address>

</footer>

</body>

</html>

Table

Description automatically generated