**Advance Javascript Module-3**

* **Create a program to hide/show the password**

<!DOCTYPE html>

<html>

<body>

<p>Click the radio button to toggle between password visibility:</p>

Password: <input type="password" value="FakePSW" id="myInput"><br><br>

<input type="checkbox" onclick="myFunction()">Show Password

<script>

function myFunction() {

var x = document.getElementById("myInput");

if (x.type === "password") {

x.type = "text";

} else {

x.type = "password";

}

}

</script>

</body>

</html>

* **Create a responsive header using proper JavaScript**

<!DOCTYPE html>

<html>

<head>

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

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

<style>

body {

margin: 0;

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

}

.topnav {

overflow: hidden;

background-color: #333;

}

.topnav a {

float: left;

display: block;

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;

}

.topnav .icon {

display: none;

}

@media screen and (max-width: 600px) {

.topnav a:not(:first-child) {display: none;}

.topnav a.icon {

float: right;

display: block;

}

}

@media screen and (max-width: 600px) {

.topnav.responsive {position: relative;}

.topnav.responsive .icon {

position: absolute;

right: 0;

top: 0;

}

.topnav.responsive a {

float: none;

display: block;

text-align: left;

}

}

</style>

</head>

<body>

<div class="topnav" id="myTopnav">

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

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

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

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

<a href="javascript:void(0);" class="icon" onclick="myFunction()">

<i class="fa fa-bars"></i>

</a>

</div>

<div style="padding-left:16px">

<h2>Responsive Topnav Example</h2>

<p>Resize the browser window to see how it works.</p>

</div>

<script>

function myFunction() {

var x = document.getElementById("myTopnav");

if (x.className === "topnav") {

x.className += " responsive";

} else {

x.className = "topnav";

}

}

</script>

</body>

</html>

* **Create a form and validate using JavaScript**

<!DOCTYPE html>

<html>

    <head>

        <title>Form Validation</title>

        <script>

            function validate()

            {

var ufn=document.forms["myform"]["ufn"].value;

if(ufn=="" || ufn==null)

{

                    alert('Please fill out the User First Name');

            return false;

}

var un=document.forms["myform"]["un"].value;

                if(un=="" || un==null

                {

                    alert('Please fill out the User Name');

                    return false;

                }

else

                {

                    document.getElementById('un').innerHTML="";

                }

                var pass=document.forms["myform"]["pass"].value;

                if(pass=="" || pass==null)

                {

                    alert('Please fill out Password');

                    return false;

                }

  if(!(pass.length>=3 && pass.length<=8))

                {

                    alert('Please,provide min 3 & max 8 char in pass');

                    return false;

                }

                var cpass=document.forms["myform"]["cpass"].value;

                if(cpass=="" || cpass==null)

                {

                    alert('Please fill out Confirm Password');

                    return false;

                }

 if(pass==cpass)

                {

                }

                else

                {

                    alert('Please Enter Same values');

                    return false;

                }

  var email=document.forms["myform"]["email"].value;

                if(email=="" || email==null)

                {

                    alert('Please fill out the email');

                    return false;

                }

                var mail=/^[a-zA-Z0-9\_]+@[a-zA-Z]+\.[a-zA-Z]{2,4}$/;

                if(!mail.test(email))

                {

                    alert('Please fill proper email id');

                    return false;

                }

var pno=document.forms["myform"]["pno"].value;

                if(pno=="" || pno==null)

                {

                    alert('Please fill out the pno');

                    return false;

                }

                var phone=/^[0-9]{10,11}$/;

                if(!phone.test(pno))

                {

                    alert('Please fill only digits in Phone no');

                    return false;

                }

var gender\_arr=document.getElementsByName("gender");

                if(gender\_arr[0].checked==true)

                {

                }

                else if(gender\_arr[1].checked==true)

                {

                }

                else

                {

                    alert('! Please Select Gender');

                    return false;

                }

</script>

</head>

<body>

        <form name="myform" action="" method="post" onsubmit="return validate()">

            <table border="2" align="center">

                <tr>

                    <th colspan="2" align="center">Regitration Page</th>

                </tr>

                <tr>

                    <th>User First Name:-</th>

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

                </tr>

                <tr>

                    <th>User Name:-</th>

                    <td>

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

                        <span style="color:red;" id="un"></span>

                    </td>

                </tr>

                <tr>

                    <th>Password:-</th>

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

                </tr>

                <tr>

                    <th>Confirm Password:-</th>

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

                </tr>

                <tr>

                    <th>Email Address:-</th>

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

                </tr>

                <tr>

                    <th>Phone No:-</th>

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

                </tr>

                <tr>

                 <tr>

                    <th>Gender</th>

                    <td>Male<input type="radio" name="gender" value="m">

                        Female<input type="radio" name="gender" value="f">

                    </td>

                </tr>

                <tr>

                    <td colspan="2" align="center">

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

</td>

                </tr>

            </table>

        </form>

</body>

</html>

* **Create a modal box using css and Js with three buttons**

<!DOCTYPE html>

<html>

<head>

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

<style>

body

{

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

}

.modal {

display: none;

position: fixed;

z-index: 1;

padding-top: 100px;

left: 0;

top: 0;

width: 100%;

height: 100%;

overflow: auto;

background-color: rgb(0,0,0);

background-color: rgba(0,0,0,0.4);

}

.modal-content {

background-color: #fefefe;

margin: auto;

padding: 20px;

border: 1px solid #888;

width: 80%;

}

.close {

color: #aaaaaa;

float: right;

font-size: 28px;

font-weight: bold;

}

.close:hover,

.close:focus {

color: #000;

text-decoration: none;

cursor: pointer;

}

</style>

</head>

<body>

<h2>Modal Example</h2>

<button id="myBtn">Open Modal</button>

<div id="myModal" class="modal">

<div class="modal-content">

<span class="close">&times;</span>

<p>Some text in the Modal..</p>

</div>

</div>

<script>

// Get the modal

var modal = document.getElementById("myModal");

// Get the button that opens the modal

var btn = document.getElementById("myBtn");

// Get the <span> element that closes the modal

var span = document.getElementsByClassName("close")[0];

// When the user clicks the button, open the modal

btn.onclick = function() {

modal.style.display = "block";

}

// When the user clicks on <span> (x), close the modal

span.onclick = function() {

modal.style.display = "none";

}

// When the user clicks anywhere outside of the modal, close it

window.onclick = function(event) {

if (event.target == modal) {

modal.style.display = "none";

}

}

</script>

</body>

</html>

* **Use external js library to show slider**

<!DOCTYPE html>

<html>

<head>

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

<style>

\* {box-sizing: border-box}

body {font-family: Verdana, sans-serif; margin:0}

.mySlides {display: none}

img {vertical-align: middle;}

/\* Slideshow container \*/

.slideshow-container {

max-width: 1000px;

position: relative;

margin: auto;

}

/\* Next & previous buttons \*/

.prev, .next {

cursor: pointer;

position: absolute;

top: 50%;

width: auto;

padding: 16px;

margin-top: -22px;

color: white;

font-weight: bold;

font-size: 18px;

transition: 0.6s ease;

border-radius: 0 3px 3px 0;

user-select: none;

}

/\* Position the "next button" to the right \*/

.next {

right: 0;

border-radius: 3px 0 0 3px;

}

/\* On hover, add a black background color with a little bit see-through \*/

.prev:hover, .next:hover {

background-color: rgba(0,0,0,0.8);

}

/\* Caption text \*/

.text {

color: #f2f2f2;

font-size: 15px;

padding: 8px 12px;

position: absolute;

bottom: 8px;

width: 100%;

text-align: center;

}

/\* Number text (1/3 etc) \*/

.numbertext {

color: #f2f2f2;

font-size: 12px;

padding: 8px 12px;

position: absolute;

top: 0;

}

/\* The dots/bullets/indicators \*/

.dot {

cursor: pointer;

height: 15px;

width: 15px;

margin: 0 2px;

background-color: #bbb;

border-radius: 50%;

display: inline-block;

transition: background-color 0.6s ease;

}

.active, .dot:hover {

background-color: #717171;

}

/\* Fading animation \*/

.fade {

animation-name: fade;

animation-duration: 1.5s;

}

@keyframes fade {

from {opacity: .4}

to {opacity: 1}

}

/\* On smaller screens, decrease text size \*/

@media only screen and (max-width: 300px) {

.prev, .next,.text {font-size: 11px}

}

</style>

</head>

<body>

<div class="slideshow-container">

<div class="mySlides fade">

<div class="numbertext">1 / 3</div>

<img src="img\_nature\_wide.jpg" style="width:100%">

<div class="text">Caption Text</div>

</div>

<div class="mySlides fade">

<div class="numbertext">2 / 3</div>

<img src="img\_snow\_wide.jpg" style="width:100%">

<div class="text">Caption Two</div>

</div>

<div class="mySlides fade">

<div class="numbertext">3 / 3</div>

<img src="img\_mountains\_wide.jpg" style="width:100%">

<div class="text">Caption Three</div>

</div>

<a class="prev" onclick="plusSlides(-1)">❮</a>

<a class="next" onclick="plusSlides(1)">❯</a>

</div>

<br>

<div style="text-align:center">

<span class="dot" onclick="currentSlide(1)"></span>

<span class="dot" onclick="currentSlide(2)"></span>

<span class="dot" onclick="currentSlide(3)"></span>

</div>

<script>

let slideIndex = 1;

showSlides(slideIndex);

function plusSlides(n) {

showSlides(slideIndex += n);

}

function currentSlide(n) {

showSlides(slideIndex = n);

}

function showSlides(n) {

let i;

let slides = document.getElementsByClassName("mySlides");

let dots = document.getElementsByClassName("dot");

if (n > slides.length) {slideIndex = 1}

if (n < 1) {slideIndex = slides.length}

for (i = 0; i < slides.length; i++) {

slides[i].style.display = "none";

}

for (i = 0; i < dots.length; i++) {

dots[i].className = dots[i].className.replace(" active", "");

}

slides[slideIndex-1].style.display = "block";

dots[slideIndex-1].className += " active";

}

</script>

</body>

</html>

* **Prevent the browser when i click the form submit button**

<!DOCTYPE html>

<html>

<body>

<h3>Stop form submission using JavaScript?</h3>

<form>

<input type="text">

<p id="result">Button is not clicked yet!!</p>

<button onclick="display()">Change above text</button>

</form>

<script>

function display() {

event.preventDefault();

let result = document.getElementById("result");

result.innerHTML = "<b>The form is secured from submission using the preventDefault() method inside callback function.</b>"

}

</script>

</body>

</html>