**Document, Event and Controls**

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

**Ans:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Document</title>

</head>

<body>

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

<!-- An element to toggle between password visibility -->

<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>

**15. Create a program that will select all the classes and loop over and whenever i click the button the alert should show.**

**Ans;**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Document</title>

</head>

<body>

<!-- <p>Use the addEventListener() method to attach a "click" event to a p element:</p> -->

<p id="demo" onclick="alert('hello!')">Click me.</p>

<script>

document.getElementById("demo").addEventListener("click", myFunction);

function myFunction() {

document.getElementById("demo").innerHTML = "YOU CLICKED ME!";

}

</script>

</body>

</html>

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

**Ans:**

**<!DOCTYPE html>**

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

**<head>**

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

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

**<title>Responsive Header</title>**

**<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.7.0/jquery.min.js"></script>**

**<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css">**

**<style>**

**\***

**{**

**margin: 0px;**

**padding: 0px;**

**box-sizing: border-box;**

**}**

**header**

**{**

**width: 100%;**

**height: 70px;**

**display: flex;**

**background-color: black;**

**}**

**.logo**

**{**

**font-size: 30px;**

**width: 20%;**

**height: inherit;**

**}**

**span**

**{**

**line-height: 65px;**

**padding-left: 40px;**

**color: red;**

**font-size: 30px;**

**}**

**nav**

**{**

**width: 60%;**

**height: inherit;**

**background-color: transparent;**

**margin-left: 2%;**

**}**

**nav ul**

**{**

**display: flex;**

**}**

**nav ul li**

**{**

**list-style: none;**

**padding: 10px 20px 15px;**

**line-height: 40px;**

**font-size: 25px;**

**margin-left: 5%;**

**}**

**nav ul li a**

**{**

**text-decoration: none;**

**color: wheat;**

**}**

**.fa-bars**

**{**

**line-height: 55px;**

**padding-top: 5px;**

**float: right;**

**margin-left: 17%;**

**font-size: 25px;**

**display: none;**

**color: white;**

**}**

**nav ul li**

**{**

**list-style: none;**

**text-align: center;**

**line-height: 40px;**

**font-size: 25px;**

**left: 100px;**

**display: block;**

**}**

**nav ul li a**

**{**

**text-decoration: none;**

**color: wheat;**

**}**

**.fa-bars**

**{**

**line-height: 50px;**

**float: right;**

**margin-right: 8%;**

**font-size: 30px;**

**display: block;**

**color: white;**

**}**

**/\* FOR MOBILE VIEW \*/**

**@media (min-width:320px) and (max-width:480px)**

**{**

**\***

**{**

**margin: 0px;**

**padding: 0px;**

**box-sizing: border-box;**

**}**

**header**

**{**

**width: 100%;**

**height: 70px;**

**display: flex;**

**background-color: black;**

**}**

**.logo**

**{**

**font-size: 30px;**

**width: 100%;**

**height: inherit;**

**}**

**span**

**{ line-height: 65px;**

**padding-left: 40px;**

**color: red;**

**}**

**nav**

**{**

**width: 70%;**

**height: inherit;**

**background-color: transparent;**

**position: relative;**

**display: block;**

**margin-left: 2%;**

**}**

**nav ul**

**{**

**display: none;**

**position: absolute;**

**background-color: black;**

**width: 30rem;**

**top: 72px;**

**right: 0px;**

**}**

**nav ul li**

**{**

**list-style: none;**

**text-align: center;**

**line-height: 40px;**

**font-size: 20px;**

**left: 30px;**

**display: block;**

**}**

**nav ul li a**

**{**

**text-decoration: none;**

**color: wheat;**

**}**

**.fa-bars**

**{**

**line-height: 50px;**

**float: right;**

**margin-right: 8%;**

**font-size: 30px;**

**display: block;**

**color: white;**

**}**

**}**

**</style>**

**</head>**

**<body>**

**<header>**

**<div class="logo"><span>KHUSHBU</span></div>**

**<nav>**

**<ul id="menu">**

**<li><a href="">Home</a></li>**

**<li><a href="">About</a></li>**

**<li><a href="">Service</a></li>**

**<li><a href="">Contect Us</a></li>**

**</ul>**

**<i class="fa-solid fa-bars" id="menutoggle"></i>**

**</nav>**

**</header>**

**<script>**

**$(document).ready(function ()**

**{**

**$("#menutoggle").click(function ()**

**{**

**$("#menu").fadeToggle("3000");**

**})**

**})**

**</script>**

**</body>**

**</html>**

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

**Ans:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Document</title>

<script>

function validate() {

var ufn = document.getElementById("ufn").value;

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

alert('unf field is required');

return false;

}

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

if (un == "" || un == null) {

document.getElementById("un").innerHTML = "un field is required";

return false;

} else {

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

}

}

</script>

</head>

<body>

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

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

<tr>

<th> Registration Page </th>

</tr>

<tr>

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

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

</tr>

<tr>

<th>User Name:-</th>

<td>

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

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

</td>

</tr>

<tr>

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

</tr>

</table>

</form>

<br><br>

<hr>

<script>

function validate1(argu) {

if (argu.username.value == "") {

document.getElementById("msg").innerHTML = "username field is required";

argu.username.focus();

return false;

}

if (argu.password.value == "") {

document.getElementById("msg").innerHTML = "password field is required";

argu.password.focus();

return false;

}

}

</script>

<h4 align="center" style="color:red" id="msg"></h4>

<form name="myform2" action="" onsubmit="return validate1(this)">

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

<tr>

<th> Registration Page </th>

</tr>

<tr>

<th>User Name:-</th>

<td>

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

</td>

</tr>

<tr>

<th>password:-</th>

<td>

<input type="text" name="pass" id="password">

</td>

</tr>

<tr>

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

</tr>

</table>

</form>

</body>

</html>

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

**Ans:**

1st button

<!DOCTYPE html>

<html>

<style>

body {font-family: Arial, Helvetica, sans-serif;}

\* {box-sizing: border-box;}

/\* Set a style for all buttons \*/

button {

background-color: #04AA6D;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

cursor: pointer;

width: 100%;

opacity: 0.9;

}

button:hover {

opacity:1;

}

/\* Float cancel and delete buttons and add an equal width \*/

.cancelbtn, .deletebtn {

float: left;

width: 50%;

}

/\* Add a color to the cancel button \*/

.cancelbtn {

background-color: #ccc;

color: black;

}

/\* Add a color to the delete button \*/

.deletebtn {

background-color: #f44336;

}

/\* Add padding and center-align text to the container \*/

.container {

padding: 16px;

text-align: center;

}

/\* The Modal (background) \*/

.modal {

display: none; /\* Hidden by default \*/

position: fixed; /\* Stay in place \*/

z-index: 1; /\* Sit on top \*/

left: 0;

top: 0;

width: 100%; /\* Full width \*/

height: 100%; /\* Full height \*/

overflow: auto; /\* Enable scroll if needed \*/

background-color: #474e5d;

padding-top: 50px;

}

/\* Modal Content/Box \*/

.modal-content {

background-color: #fefefe;

margin: 5% auto 15% auto; /\* 5% from the top, 15% from the bottom and centered \*/

border: 1px solid #888;

width: 80%; /\* Could be more or less, depending on screen size \*/

}

/\* Style the horizontal ruler \*/

hr {

border: 1px solid #f1f1f1;

margin-bottom: 25px;

}

/\* The Modal Close Button (x) \*/

.close {

position: absolute;

right: 35px;

top: 15px;

font-size: 40px;

font-weight: bold;

color: #f1f1f1;

}

.close:hover,

.close:focus {

color: #f44336;

cursor: pointer;

}

/\* Clear floats \*/

.clearfix::after {

content: "";

clear: both;

display: table;

}

/\* Change styles for cancel button and delete button on extra small screens \*/

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

.cancelbtn, .deletebtn {

width: 100%;

}

}

</style>

<body>

<h2>Delete Modal</h2>

<button onclick="document.getElementById('id01').style.display='block'">Open Modal</button>

<div id="id01" class="modal">

<span onclick="document.getElementById('id01').style.display='none'" class="close" title="Close Modal">×</span>

<form class="modal-content" action="/action\_page.php">

<div class="container">

<h1>Delete Account</h1>

<p>Are you sure you want to delete your account?</p>

<div class="clearfix">

<button type="button" onclick="document.getElementById('id01').style.display='none'" class="cancelbtn">Cancel</button>

<button type="button" onclick="document.getElementById('id01').style.display='none'" class="deletebtn">Delete</button>

</div>

</div>

</form>

</div>

<script>

// Get the modal

var modal = document.getElementById('id01');

// 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>

// 2nd button

<!DOCTYPE html>

<html>

<head>

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

<style>

body {

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

}

/\* The Modal (background) \*/

.modal {

display: none;

/\* Hidden by default \*/

position: fixed;

/\* Stay in place \*/

z-index: 1;

/\* Sit on top \*/

padding-top: 100px;

/\* Location of the box \*/

left: 0;

top: 0;

width: 100%;

/\* Full width \*/

height: 100%;

/\* Full height \*/

overflow: auto;

/\* Enable scroll if needed \*/

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

/\* Fallback color \*/

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

/\* Black w/ opacity \*/

}

/\* Modal Content \*/

.modal-content {

background-color: #fefefe;

margin: auto;

padding: 20px;

border: 1px solid #888;

width: 80%;

}

/\* The Close Button \*/

.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>

<!-- Trigger/Open The Modal -->

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

<!-- The Modal -->

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

<!-- Modal content -->

<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>

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

**Ans:**

**<!DOCTYPE html>**

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

**<head>**

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

**<meta http-equiv="X-UA-Compatible" content="IE=edge">**

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

**<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css">**

**<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.6.4/jquery.min.js"></script>**

**<title> Slider </title>**

**<style>**

**body**

**{**

**background-color: black;**

**display: flex;**

**justify-content: center;**

**align-items: center;**

**height: 97vh;**

**}**

**.slider-container {**

**width: 800px;**

**height: 500px;**

**overflow: hidden;**

**position: relative;**

**border-radius: 10px;**

**}**

**.slider {**

**display: flex;**

**width: 100%;**

**transition: 1s ease;**

**}**

**.slide {**

**flex: 1 0 100%;**

**height: 100%;**

**display: flex;**

**justify-content: center;**

**align-items: center;**

**}**

**.slide img**

**{**

**width: 100%;**

**height: 100%;**

**}**

**.prev-btn, .next-btn**

**{**

**position: absolute;**

**top: 50%;**

**transform: translateY(-50%);**

**padding: 5px 10px;**

**border: none;**

**background-color: rgba(0,0,0,0.3);**

**color: #fff;**

**font-size: 16px;**

**border-radius: 50px;**

**cursor: pointer;**

**}**

**.prev-btn**

**{**

**left: 10px;**

**}**

**.prev-btn:hover**

**{**

**color: lightcyan;**

**}**

**.next-btn**

**{**

**right: 10px;**

**}**

**.next-btn:hover**

**{**

**color: lightcyan;**

**}**

**</style>**

**</head>**

**<body>**

**<div class="slider-container">**

**<div class="slider">**

**<div class="slide"><img src="https://thumbs.dreamstime.com/b/aerial-view-lago-antorno-dolomites-lake-mountain-landscape-alps-peak-misurina-cortina-di-ampezzo-italy-reflected-103752677.jpg" alt=""></div>**

**<div class="slide"><img src="https://www.wildnatureimages.com/images/640/070620-014-The-Tetons.jpg" alt=""></div>**

**<div class="slide"><img src="https://media.istockphoto.com/id/1288385045/photo/snowcapped-k2-peak.jpg?s=612x612&w=0&k=20&c=sfA4jU8kXKZZqQiy0pHlQ4CeDR0DxCxXhtuTDEW81oo=" alt=""></div>**

**<div class="slide"><img src="https://cdn.pixabay.com/photo/2013/10/02/23/03/mountains-190055\_640.jpg" alt=""></div>**

**<div class="slide"><img src="https://images.unsplash.com/photo-1506905925346-21bda4d32df4?ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxzZWFyY2h8Mnx8bW91bnRhaW5zfGVufDB8fDB8fHww&w=1000&q=80" alt=""></div>**

**</div>**

**<button class="prev-btn"> Previous <i class="fa-sharp fa-solid fa-left"></i> </button>**

**<button class="next-btn"> Next </button>**

**</div>**

**<script>**

**$(document).ready(function () {**

**var slider = $('.slider');**

**var slideWidth = $('.slide').width();**

**var slideCount = $('.slide').length;**

**var currentIndex = 0;**

**function showSlide(index) {**

**var newPosition = -index \* slideWidth;**

**slider.css('transform', 'translateX(' + newPosition + 'px)');**

**currentIndex = index;**

**}**

**$('.prev-btn').click(function () {**

**var newIndex = currentIndex - 1;**

**if (newIndex < 0) {**

**newIndex = slideCount - 1;**

**}**

**showSlide(newIndex);**

**})**

**$('.next-btn').click(function () {**

**var newIndex = currentIndex + 1;**

**if (newIndex > 4) {**

**newIndex = slideCount - 5;**

**}**

**showSlide(newIndex);**

**});**

**});**

**</script>**

**</body>**

**</html>**

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

**Ans:**

<!DOCTYPE html>

<html>

<body>

<input type="submit" value="submit" id="myAnchor" href="https://www.google.com/">

<p>The preventDefault() method will prevent the link above from following the URL.</p>

<script>

document.getElementById("myAnchor").addEventListener("click", function(event) {

event.preventDefault()

});

</script>

</body>

</html>