

MODULE: 3 (Document, Event and Controls)

Question 1:-Create a program to hide/show the password.

Ans:

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

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

<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>

Question 2:- Create a program that will select all the classes and loop over and whenever i click the button the alert should show

Ans.

<body>

<div id="buttonsContainer"></div>

<script>

const buttonsContainer =

document.getElementById("buttonsContainer");

```
for (var i = 0; i < 5; i++) {  
  const button = document.createElement("button");  
  button.innerText = i;  
  button.addEventListener("click", function () {  
    console.log(i)  
  })  
  buttonsContainer.appendChild(button);  
}  
</script>  
</body>
```

Question 3:- Create a responsive header using proper JavaScript

Ans:

```
<body>  
<header class="header">  
  <div class="container">  
    <div class="row-wrap">  
      <div class="logo-wrap">  
        <span class="logo">LOGO</span>  
      </div>  
      <div class="nav-wrap">  
        <ul class="nav-list">  
          <li class="active"><a href="#">About-us</a></li>  
          <li><a href="#">Contact-us</a></li>  
          <li class="with-submenu">
```

```
<a href="#">Blog</a>
<div class="submenu">
  <ul class="submenu-inner">
    <li><a href="#">Link1</a></li>
    <li><a href="#">Link2</a></li>
    <li><a href="#">Link3</a></li>
  </ul>
</div>
</li>
</ul>
</div>
<div class="hamburger">
  <span class="line"></span>
  <span class="line"></span>
  <span class="line"></span>
</div>
</div>
</div>
</header>
<div class="overlay"></div>
<script>
function header_adj() {
  if ($(window).width() < 767) {
    var header_height = $(".header").outerHeight();
```

```
$(".nav-wrap .nav-list").css({ "padding-top": header_height + "px" });  
} else {  
$(".nav-wrap .nav-list").css({ "padding-top": "0" });  
}  
}  
  
function submenu_toggle() {  
if ($(window).width() < 767) {  
$(".nav-list li.with-submenu")  
.off()  
.click(function () {  
$(this).toggleClass("is-open");  
$(".submenu").slideToggle("slow");  
});  
}  
}  
  
$(document).ready(function () {  
header_adj();  
submenu_toggle();  
if ($(window).width() < 767) {  
$(".hamburger").click(function () {  
$(this).toggleClass("is-active");  
$("body,html").toggleClass("sidebar-open");  
$(".nav-wrap").toggleClass("is-open");  
});  
}
```

```
$(".overlay").click(function () {
  $(".hamburger").removeClass("is-active");
  $("body,html").removeClass("sidebar-open");
  $(".nav-wrap").removeClass("is-open");
});
} else {
  $(".hamburger").removeClass("is-active");
  $("body,html").removeClass("sidebar-open");
  $(".nav-wrap").removeClass("is-open");
}
});
$(window).on("resize", function () {
  header_adj();
  submenu_toggle();
  if ($(window).width() < 767) {
    $(".hamburger").click(function () {
      $(this).toggleClass("is-active");
      $("body,html").toggleClass("sidebar-open");
      $(".nav-wrap").toggleClass("is-open");
    });
    $(".overlay").click(function () {
      $(".hamburger").removeClass("is-active");
      $("body,html").removeClass("sidebar-open");
      $(".nav-wrap").removeClass("is-open");
```

```
});  
} else {  
$(".hamburger").removeClass("is-active");  
$("body,html").removeClass("sidebar-open");  
$(".nav-wrap").removeClass("is-open");  
}  
});  
</script>  
  
<script  
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>  
  
</body>
```

Question 4:- Create a form and validate using JavaScript

Ans:

```
<style>  
  
*{  
margin: 0;  
padding: 0;  
box-sizing: border-box;  
}  
  
form{  
display: flex;  
justify-content: center;  
align-items: center;
```

```
background-color: antiquewhite;  
}
```

```
table{  
width: 60%;  
padding: 60px;  
}
```

```
tr{  
border-bottom: 1px solid black;  
}
```

```
td{  
width: 5%;  
padding: 10px 20px;  
}
```

```
.in_size{  
width: 300px;  
padding: 3px;  
}
```

```
#btn{  
padding: 10px;  
background-color: green;  
color: white;  
cursor: pointer;  
border: none;  
border-radius: 5px;
```

```

}
#address{
height: 100px;
}
</style>
</head>
<body>
<form action="aget-method.php" id= "user-form" method="get" >
<table >
<tr>
<td><label>First Name:</label></td>
<td><input type="text" id="firstname" class="in_size" name="field"
autocomplete="off" autofocus="autofocus" required> <br><span
id="firstNameCheck"></span></td>
</tr>
<tr>
<td><label>Last Name:</label></td>
<td><input type="text" id="lastname" name="field" class="in_size"
autocomplete="off" autofocus="autofocus" required> <br><span
id="lastNameCheck"></span></td>
</tr>
<tr>
<td><label>Email:</label></td>
<td><input type="text" id="email" name="field" class="in_size"
autocomplete="off" autofocus="autofocus" required>

```



```

<br> <span id="emailCheck"></span> </td>
</tr>
<tr>
<td><label>Mobile:</label></td>
<td><input type="tel" id="mobile" name="Mobile" class="in_size"
autocomplete="off" autofocus="autofocus" required> <br><span
id="mobileCheck"></span></td>
</tr>
<tr>
<td><label>Gender:</label></td>
<td><input type="radio" name="gender" >Male &nbsp; <input
type="radio" name="gender" >Female &nbsp; <span
id="genderCheck"></span></td>
<td></td>
</tr>
<tr>
<td><label >Date Of Birth:</label></td>
<td><input type="date" class="in_size" ><br> </td>
</tr>
<tr>
<td><label >Address:</label></td>
<td><textarea name="address" id="address" class="in_size"
autocomplete="off" autofocus="autofocus"
required></textarea><br> <span id="addressCheck"></span></td>
</tr>

```

```

<tr>
<td> <label>City:</label></td>
<td> <input type="text" id="city" class="in_size" autocomplete="off"
autofocus="autofocus" required>
<br><span id="cityCheck"></span></td>
</tr>
<tr>
<td> <label >Area Pin:</label></td>
<td> <input type="text" id="pin" class="in_size"autocomplete="off"
autofocus="autofocus" required>
<br>
<span id="pinCheck"></span></td>
</tr>
<tr>
<td> <label >State:</label></td>
<td> <input type="text" id="state"
class="in_size"autocomplete="off" autofocus="autofocus"
required><br>
<span id="stateCheck" ></span></td>
</tr>
<tr>
<td> <label >Qualification</label></td>
<td> <select name="Qualification" id="Qualification" >
<option value="Select Qualification">Select Qualification </option>
<option value="B.com">B.com</option>

```

```

<option value="B.sc">B.sc</option>
<option value="B.E">B.E</option>
<option value="B.A">B.A</option>
<option value="">B.A</option>
</select></td>

</tr>

<tr>
<td><label class="specialization" >Specialization</label></td>
<td>
<input type="radio" name="box" >Computer Science <br>
<input type="radio" name="box" >Information Technology <br>
<input type="radio" name="box" >Computer Architecture <br>
<input type="radio" name="box" >Tele Communication
</td>
</tr>

<tr>
<td><Label>Password:</Label></td>
<td><input type="password" id="password" class="in_size"
autocomplete="off" autofocus="autofocus" required><br>
<span id="pswCheck"></span></td>
</tr>

<tr>
<td>

```

```
<input type="submit" onclick=" return  
validation()"value="Registered" id="btn">
```

```
</td>
```

```
</tr>
```

```
</table>
```

```
</form>
```

```
<script>
```

```
var user= document.getElementById('firstname');
```

```
var userLast = document.getElementById('lastname');
```

```
var emailId = document.getElementById('email');
```

```
var tele = document.getElementById('mobile');
```

```
var ad = document.getElementById('address');
```

```
var town = document.getElementById('city');
```

```
var states = document.getElementById('state');
```

```
var pCode = document.getElementById('pin');
```

```
var psw = document.getElementById('password');
```

```
user.addEventListener('blur', checkName);
```

```
userLast.addEventListener('blur', checkLname);
```

```
emailId.addEventListener('blur', checkEmail);
```

```
tele.addEventListener('blur', checkTel);
```

```
ad.addEventListener('blur', checkAd);
```

```
town.addEventListener('blur', checkTown);
```

```
pCode.addEventListener('blur', checkPin);
```

```
states.addEventListener('blur', checkState);
```

```
psw.addEventListener('blur', checkPSW);

function checkName() {
var uName = user.value.trim();

if (uName == '') {
document.getElementById('firstNameCheck').innerHTML = "*** Enter
your name please..."

return false;
}

var exp = /^[A-Za-z]{3,6}$/;

if (!exp.test(uName)) {
document.getElementById('firstNameCheck').innerHTML = "*** Only
Alphabets, Numbers and Underscore and between 3 to 10
characters."
}

else{
document.getElementById('firstNameCheck').innerHTML = ""
}

return true;
}

function checkLname(){
var lName = userLast.value.trim();

if (lName == '') {
document.getElementById('lastNameCheck').innerHTML = "*** Enter
your last name please..."

return false;
```

```

}

var exp = /^[A-Za-z]{3,6}$/;

if (!exp.test(lName)) {

document.getElementById('lastNameCheck').innerHTML = "*** Only
Alphabets, Numbers and Underscore and between 3 to 10
characters."

} else{

document.getElementById('lastNameCheck').innerHTML = ""

}

return true;

}

function checkEmail(){

var e_mail = emailId.value.trim();

if (e_mail == "") {

document.getElementById('emailCheck').innerHTML = "*** Enter your
valid email address..."

return false;

}

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

if (!exp.test(e_mail)) {

document.getElementById('emailCheck').innerHTML = "*** invalid
email"

} else{

document.getElementById('emailCheck').innerHTML = ""

```

```
}  
return true;  
}  
function checkTel(){  
var telephone = tele.value.trim();  
if (telephone == "") {  
document.getElementById('mobileCheck').innerHTML = "*** Enter  
your phone number..."  
return false;  
};  
var exp = /^[6789]{1}[0-9]{9}$/;  
if (!exp.test(telephone)) {  
document.getElementById('mobileCheck').innerHTML = "***invalid  
mobile number..."  
} else{  
document.getElementById('mobileCheck').innerHTML = ""  
}  
return true;  
}  
function checkAd(){  
var ads = ad.value.trim();  
if (ads == "") {  
document.getElementById('addressCheck').innerHTML = "*** Enter  
your address..."  
return false;
```

```

}
var exp = /^[A-Za-z0-9]{8,}$/;
if (!exp.test(ads)) {
document.getElementById('addressCheck').innerHTML = "*** invalid
address"
}else{
document.getElementById('addressCheck').innerHTML = "";
}
return true;
}
function checkTown(){
var tw = town.value.trim();
if (tw== "") {
document.getElementById('cityCheck').innerHTML = "*** Enter your
city name..."
return false;
}
var exp = /^[A-Za-z]{2,}$/;
if(!exp.test(tw)){
document.getElementById('cityCheck').innerHTML = "invalid city
name..."
}else{
document.getElementById('cityCheck').innerHTML = ""
}
return true;

```



```

}
function checkPin(){
var code = pCode.value.trim();
if (code == "") {
document.getElementById('pinCheck').innerHTML = "*** Enter your
are pincode..."
return false;
}
var exp = /^[1-9][0-9]{5}$/ ;
if (!exp.test(code)) {
document.getElementById('pinCheck').innerHTML = "*** invalid pin"
} else{
document.getElementById('pinCheck').innerHTML = ""
}
return true;
}
function checkState(){
var st = states.value.trim();
if (st == "") {
document.getElementById('stateCheck').innerHTML = "*** Enter your
state..."
return false;
}
var exp = /^[A-Za-z]{3}$/

```

```
if(!exp.test(st)){
document.getElementById('stateCheck').innerHTML = "**invalid
input..."
}else{
document.getElementById('stateCheck').innerHTML = ""
}
return true;
}
function checkPSW(){
var pwd = psw.value.trim();
if (pwd == "") {
document.getElementById('pswCheck').innerHTML = "** Enter your
password..."
return false;
}
var exp = /^(?=.*[0-9])(?=.*[!@#$%^&*])[a-zA-Z0-9!@#$%^&*]{6,16}$/;
if (!exp.test(pwd)) {
document.getElementById('pswCheck').innerHTML = "** Only
Alphabets, Numbers and Underscore and between 3 to 10
characters."
return false;
} else{
document.getElementById('pswCheck').innerHTML = ""
}
}
```

```

return true;
}
function validation(){
var inputs = document.getElementsByTagName("input");
console.log(inputs);
for(var i=0; i < inputs.length; i++){
if(inputs[i].value === "" && inputs[i].hasAttribute('required')){
alert('There are some required fields!');
return false;
}
}
form.submit()
}
</script>
</body>

```

Question 5:- Create a modal box using css and Js with three buttons.

Ans:

```

<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>
```

```
// 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>
```

Question 6:-Use external js library to show slider

Ans:

```
<body>  
<div class="ag-format-container">  
<div class="layout">  
<ul class="slider">  
<li>  
  
</li>  
<li>  
  
</li>  
<li>  
  
</li>  
<li>
```

```

```

```
</li>
```

```
<li>
```

```

```

```
</li>
```

```
</ul>
```

```
</div>
```

```
</div>
```

```
<svg xmlns="http://www.w3.org/2000/svg" style="display: none">
```

```
<symbol id="ei-arrow-left-icon" viewBox="0 0 50 50">
```

```
</symbol>
```

```
</svg>
```

```
<script>
```

```
(function ($) {
```

```
$(function () {
```

```
$('.slider').slick({
```

```
dots: true,
```

```
prevArrow: '<a class="slick-prev slick-arrow" href="#" style=""><div class="icon icon--ei-arrow-left"><svg class="icon__cnt"><use xlink:href="#ei-arrow-left-icon"></use></svg></div></a>',
```

```

nextArrow: '<a class="slick-next slick-arrow" href="#" style=""><div
class="icon icon--ei-arrow-right"><svg class="icon__cnt"><use
xlink:href="#ei-arrow-right-icon"></use></svg></div></a>',
customPaging: function (slick, index) {
var targetImage = slick.$slides.eq(index).find('img').attr('src');
return '';
}
});
});
})(jQuery);
</script>

```

Question 7:- Prevent the browser when i click the form submit button

Ans:

```

<body>
<form>
<input name="email" />
<input name="password" />
<input type="submit" />
</form>
</body>
<script>
const form = document.getElementById('form')
form.addEventListener('submit', (event) => {
event.preventDefault()

```

</script>