

MODULE: 3 (Document, Event and Controls)

- Create a program to hide/show the password

Ans

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<b><p>Click on the checkbox to show  
or hide password: </p></b>
```

```
<b>Password</b>: <input type="password"  
value="geeksforgeeks" id="typepass">
```

```
<input type="checkbox" onclick="Toggle()">  
<b>Show Password</b>
```

```
<script>
```

```
// Change the type of input to password or text
```

```
function Toggle() {
```

```
    var temp = document.getElementById("typepass");
```

```
    if (temp.type === "password") {
```

```
        temp.type = "text";
```

```
    }
```

```
    else {
```

```
        temp.type = "password";
    }
}
```

```
</script>
```

```
</body>
```

```
</html>
```

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

```
<!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>
```

```
    <button type="button">Please Press Me</button>
```

```
</body>
```

```
<script>
```

```
For ( let i=0;i<10;i++)
```

```
{
```

```
    Document.write("Hello World! <br>");
```

```
}
```

```
var pressed Button = document. Get Elements By Tag  
Name("button")[0];
```

```
pressed Button.add Event Listener("click", function (event)
```

```
{
    alert ("You have pressed the button.....")
})
</script>
</html>
```

- 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>Document</title>
</head>
<body>
```

HTML: <header>

```
<div class="header-inner">
    <h2 class="logo">LO<span>GO</span></h2>
    <i id="bars" class="fas fa-bars bars"></i>
    <nav class="nav-menu">
        <a href="#" class="nav-link">Home</a>
        <a href="#" class="nav-link">About</a>
        <a href="#" class="nav-link">Services</a>
        <a href="#" class="nav-link">Contact</a>
    </nav>
</div>
</header><nav id="mobileMenu" class="mobile-menu">
    <a href="#" class="nav-link">Home</a>
```

```
<a href="#" class="nav-link">About</a>
<a href="#" class="nav-link">Services</a>
<a href="#" class="nav-link">Contact</a>
</nav>
```

```
CSS: *{
  padding: 0;
  margin: 0;
  box-sizing: border-box;
}body{
  height: 1000px;
}header{
  position: relative;
  z-index: 2;
  background-color: #333;
}.header-inner{
  width: 80%;
  margin: 0 auto;
  padding: 20px;
  display: flex;
  justify-content: space-between;
  align-items: center;
}.logo{
  color: #fff;
  cursor: default;
}.logo span{
  color: #FFFF00;
}.bars{
  font-size: 26px;
  color: #fff;
  display: none;
  cursor: pointer;
  transition: color 0.6s ease;
}.bars:hover{
  color: #FFFF00;
}.nav-link{
  margin-left: 30px;
```

```
color: #fff;
text-decoration: none;
transition: color 0.6s ease;
}.nav-link:hover{
  color: #FFFF00;
}.mobile-menu{
  position: absolute;
  top: 0;
  left: -100%;
  width: 100%;
  height: 100%;
  z-index: 1;
  background-color: #222;
  opacity: 0;
  display: flex;
  flex-direction: column;
  justify-content: center;
  align-items: center;
  margin-top: 30px;
  pointer-events: none;
}@media screen and (max-width: 768px){
  .bars{
    display: block;
  }

  .nav-menu{
    display: none;
  }

  .active{
    left: 0;
    opacity: 1;
    pointer-events: auto;
    transition: left 0.6s ease-in-out;
  }

  .nav-link{
```

```
    font-size: 24px;
    margin: 30px 0;
  }
}
</body>
```

Javascript:

```
<script>

const bars = document.getElementById('bars');
const mobileMenu =
document.getElementById('mobileMenu');bars.addEventListener('click',
function() {
  mobileMenu.classList.toggle('active')
})
</script>
</html>
```

- Create a form and validate using JavaScript

Ans

```
<script>

function validateform(){
var name=document.myform.name.value;
var password=document.myform.password.value;

if (name==null || name==""){
  alert("Name can't be blank");
  return false;
}else if(password.length<6){
  alert("Password must be at least 6 characters long.");
}
```

```

    return false;
}
}
</script>

<body>

<form name="myform" method="post" action="abc.jsp" onsubmit="return validateform()" >

Name: <input type="text" name="name"><br/>
Password: <input type="password" name="password"><br/>
<input type="submit" value="register">

</form>

```

- 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;}

/* 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>
```

- Use external js library to show slider

Ans

Using Javascript library to add a slider This is (according to me) the best way to add a Image/Normal Slider with good Animations in your website. In this we will use a JS library called SwiperJS.

```

```

```
<script>
```

```
<!--
```

```
var image1=new Image()
```

```
image1.src="images/1.jpg"
```

```
var image2=new Image()
```

```
image2.src="images/4.jpg"
```

```
var image3=new Image()
```

```
image3.src="images/3.jpg"
```

```
//variable that will increment through the images
```

```
var step=1
```

```
function slideit(){
```

```
    //if browser does not support the image object, exit.
```

```
    if (!document.images)
```

```
        return
```

```
    document.images.slide.src=eval("image"+step+".src")
```

```

    if (step<3)
        step++
    else
        step=1
    //call function "slideit()" every 2.5 seconds
    setTimeout("slideit()",2500)
}
slideit()
//-->
</script>

```

- Prevent the browser when i click the form submit button

Ans

An event listener can be used to prevent form submission. It is added to the submit button, which will execute the function and prevent a form from submission when clicked. For example,

```

element.addEventListener("submit", function(event)
{ event.preventDefault(); window.history.back(); }, true);

```

```

$( 'form#userForm .button' ).click(function(e) {
    if ( $( "#zip_field" ).val() > 1000 ){
        $( 'form#userForm .button' ).attr('onclick','').unbind('click');
        alert('Sorry we leveren alleen inomstreken hijen!');
        e.preventDefault();
        return false;
    }
});
<button class="button vm-button-correct" type="submit"

```

```
onclick="javascript:return myValidator(userForm,  
'savecartuser');">Opslaan</button>
```