Tabs

function openCity(evt, cityName) {

    var i, tabcontent, tablinks;

    tabcontent = document.getElementsByClassName("tabcontent");  
    for (i = 0; i < tabcontent.length; i++) {  
        tabcontent[i].style.display = "none";  
    }

    tablinks = document.getElementsByClassName("tablinks");  
    for (i = 0; i < tablinks.length; i++) {  
    tablinks[i].className = tablinks[i].className.replace(" active", "");  
    }

   document.getElementById(cityName).style.display = "block";  
    evt.currentTarget.className += " active";

//|| evt.currentTarget.classList.toggle("active");

}

Accordion

.panel { max-height: 0; }  
.accordion:after { content: '+';}  
.active:after { content: "-";}  
.active:after {  
    content: "\2796"; /\* Unicode character for "minus" sign (-) \*/  
}

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var acc = document.getElementsByClassName("accordion");  
var i;  
for (i = 0; i < acc.length; i++) {  
  acc[i].addEventListener("click", function() {  
    this.classList.toggle("active");  
    var panel = this.nextElementSibling;  
    if (panel.style.maxHeight){  
      panel.style.maxHeight = null;  
    } else {  
      panel.style.maxHeight = panel.scrollHeight + "px";  
    }   
  });  
}

Hide Navbar on Scroll Down and Show on Scroll Up

var prevScrollpos = window.pageYOffset;

window.onscroll = function () {

var currentScrollPos = window.pageYOffset;

if (prevScrollpos > currentScrollPos) {

document.getElementById("navbar").style.top = "0";

} else {

document.getElementById("navbar").style.top = "-50px";

}

prevScrollpos = currentScrollPos;

}

Shrink Navbar On Scroll

window.onscroll = function() {scrollFunction()};  
function scrollFunction() {  
  if (document.body.scrollTop > 80 || document.documentElement.scrollTop > 80) {  
    document.getElementById("navbar").style.padding = "30px 10px";  
    document.getElementById("logo").style.fontSize = "25px";  
  } else {  
    document.getElementById("navbar").style.padding = "80px 10px";  
    document.getElementById("logo").style.fontSize = "35px";  
  }  
}

Menu Icon

.change .bar1 { transform: rotate(-45deg) translate(-9px, 6px);}

.change .bar2 { opacity: 0;}

.change .bar3 { transform: rotate(45deg) translate(-8px, -8px); }

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<script>

function myFunction(x) {

x.classList.toggle("change");

}

</script>

Sticky Navbar

.sticky{position: fixed; top: 0; width: 100%;}

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window.onscroll = function() {myFunction()};  
var sticky = document.getElementById("navbar").navbar.offsetTop;  
  
function myFunction() {  
  if (window.pageYOffset >= sticky) {  
    navbar.classList.add("sticky")  
  } else {  
    navbar.classList.remove("sticky");  
  }  
}

Search Menu - Navbar

function myFunction() {   
    var filter, li, a, i;  
    filter = document.getElementById("searchInput").value.toUpperCase();   
    li = document.getElementById("myUL").getElementsByTagName("li");

    for (i = 0; i < li.length; i++) {  
        a = li[i].getElementsByTagName("a")[0];

//|| if (a.innerHTML.toUpperCase().includes(filter)) {  
        if (a.innerHTML.toUpperCase().indexOf(filter) > -1) {  
            li[i].style.display = "";  
        } else {  
            li[i].style.display = "none";  
        }  
    }  
}

Responsive Top Navbar

function myFunction() {

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

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

x.className += " responsive";

} else {

x.className = "topnav";

}

}

Side Navigation

function openNav() {  
    document.getElementById("mySidenav").style.width = "250px";  
    document.getElementById("main").style.marginLeft = "250px";  
    document.body.style.backgroundColor = "rgba(0,0,0,0.4)";  
}  
  
function closeNav() {  
    document.getElementById("mySidenav").style.width = "0";  
    document.getElementById("main").style.marginLeft = "0";  
    document.body.style.backgroundColor = "white";  
}

Click Dropdowns

<div class="dropdown">

<button onclick="myFunction()" class="dropbtn">Dropdown</button>

<div id="myDropdown" class="dropdown-content">

<a href="#">Link 1</a>

<a href="#">Link 2</a>

<a href="#">Link 3</a>

</div>

</div>

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function myFunction() {

document.getElementById("myDropdown").classList.toggle("show");

}

// Close the dropdown menu if the user clicks outside of it

window.onclick = function (event) {

if (!event.target.matches('.dropbtn')) {

var dropdowns = document.getElementsByClassName("dropdown-content");

var i;

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

var openDropdown = dropdowns[i];

if (openDropdown.classList.contains('show')) {

openDropdown.classList.remove('show');

}

}

}

}

Dropdown in Side Navbar

var dropdown = document.getElementsByClassName("dropdown-btn");

var i;

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

dropdown[i].addEventListener("click", function() {

this.classList.toggle("active");

var dropdownContent = this.nextElementSibling;

if (dropdownContent.style.display === "block") {

dropdownContent.style.display = "none";

} else {

dropdownContent.style.display = "block";

}

});

}

Slideshow

var slideIndex = 1;

showSlides(slideIndex);

function plusSlides(n) { showSlides(slideIndex += n); }

function currentSlide(n) {showSlides(slideIndex = n); }

function showSlides(n) { //if n => slideIndex. In fact, slideIndex would be defined once as a global variable and then as a function parameter, overwriting only the function parameter value.

var i;

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

var dots = document.getElementsByClassName("demo");

var captionText = document.getElementById("caption");

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";

captionText.innerHTML = dots[slideIndex-1].alt;

}

Automatic Slideshow

var slideIndex = 0;  
showSlides();  
  
function showSlides() {  
    var i;  
    var slides = document.getElementsByClassName("mySlides");  
    for (i = 0; i < slides.length; i++) {  
        slides[i].style.display = "none";   
    }  
    slideIndex++;  
    if (slideIndex > slides.length) {slideIndex = 1}   
    slides[slideIndex-1].style.display = "block";   
    setTimeout(showSlides, 2000); // Change image every 2 seconds  
}

Multiple Slideshows

let slideIndex = 1;

let whichSS = ["slides1", "slides2"];

showSlides(1, 0);

showSlides(1, 1);

function plusSlides(n, num) {

showSlides(slideIndex += n, num);

}

function showSlides(n, num) {

let i, slides = document.getElementsByClassName(whichSS[num]);

if (n > slides.length) slideIndex = 1;

if (n < 1) slideIndex = slides.length;

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

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

}

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

}

Modal Image

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

var img = document.getElementById('myImg');

var modalImg = document.getElementById("img01");

var captionText = document.getElementById("caption");

img.onclick = function(){

modal.style.display = "block";

modalImg.src = this.src;

captionText.innerHTML = this.alt;

}

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

span.onclick = function() {

modal.style.display = "none";

}

Image Grid

var i, elements = document.getElementsByClassName("column");

// Full-width images

function one() {

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

elements[i].style.flex = "100%";

}

}

// Two images side by side

function two() {

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

elements[i].style.flex = "50%";

}

}

// Four images side by side

function four() {

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

elements[i].style.flex = "25%";

}

}

Portfolio with Filtering

filterSelection("all") // Execute the function and show all columns

function filterSelection(c) {

var x, i;

x = document.getElementsByClassName("column");

if (c == "all") c = "";

// Add the "show" class (display:block) to the filtered elements, and remove the "show" class from the elements that are not selected

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

w3RemoveClass(x[i], "show");

if (x[i].className.indexOf(c) > -1) w3AddClass(x[i], "show");

}

}

// Show filtered elements

function w3AddClass(element, name) {

var i, arr1, arr2;

arr1 = element.className.split(" ");

arr2 = name.split(" ");

for (i = 0; i < arr2.length; i++) {

if (arr1.indexOf(arr2[i]) == -1) {

element.className += " " + arr2[i];

}

}

}

// Hide elements that are not selected

function w3RemoveClass(element, name) {

var i, arr1, arr2;

arr1 = element.className.split(" ");

arr2 = name.split(" ");

for (i = 0; i < arr2.length; i++) {

while (arr1.indexOf(arr2[i]) > -1) {

arr1.splice(arr1.indexOf(arr2[i]), 1);

}

}

element.className = arr1.join(" ");

}

// Add active class to the current button (highlight it)

var btnContainer = document.getElementById("myBtnContainer");

var btns = btnContainer.getElementsByClassName("btn");

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

btns[i].addEventListener("click", function(){

var current = document.getElementsByClassName("active");

current[0].className = current[0].className.replace(" active", "");

this.className += " active";

});

}

Scroll to Top Button

// When the user scrolls down 20px from the top of the document, show the button  
window.onscroll = function() {scrollFunction()};  
function scrollFunction() {  
if (document.body.scrollTop > 20 || document.documentElement.scrollTop > 20) {  
    document.getElementById("myBtn").style.display = "block";  
  } else {  
    document.getElementById("myBtn").style.display = "none";  
  }  
}  
  
// When the user clicks on the button, scroll to the top of the document  
function topFunction() {  
  document.body.scrollTop = 0; // For Safari  
  document.documentElement.scrollTop = 0; // For Chrome, Firefox, IE and Opera  
}

Copy Text to Clipboard

function myFunction() {

/\* Get the text field \*/

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

/\* Select the text field \*/

copyText.select();

/\* Copy the text inside the text field \*/

document.execCommand("copy");

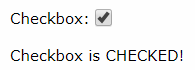
/\* Alert the copied text \*/

alert("Copied the text: " + copyText.value);

}

Check Checkbox

function myFunction() {

 // Get the checkbox

var checkBox = document.getElementById("myCheck");

// Get the output text

var text = document.getElementById("text");

// If the checkbox is checked, display the output text

if (checkBox.checked == true){

text.style.display = "block";

} else {

text.style.display = "none";

}

}

Detect CapsLock

<!DOCTYPE html>

<html>

<style>

#text {display:none;color:red}

</style>

<body>

<input id="myInput" value="Some text..">

<p id="text">WARNING! Caps lock is ON.</p>

<script>

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

var text = document.getElementById("text");

input.addEventListener("keyup", function(event) {

if (event.getModifierState("CapsLock")) {

text.style.display = "block";

} else {

text.style.display = "none"

}

});

</script>

</body>

</html>

Trigger Button on Enter

// Get the input field

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

// Execute a function when the user releases a key on the keyboard

input.addEventListener("keyup", function(event) {

// Cancel the default action, if needed

event.preventDefault();

// Number 13 is the "Enter" key on the keyboard

if (event.keyCode === 13) {

// Trigger the button element with a click

document.getElementById("myBtn").click();

}

});

Password Validation

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

var letter = document.getElementById("letter");

var capital = document.getElementById("capital");

var number = document.getElementById("number");

var length = document.getElementById("length");

myInput.onfocus = function() {

document.getElementById("message").style.display = "block";

}

myInput.onblur = function() {

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

}

myInput.onkeyup = function() {

var lowerCaseLetters = /[a-z]/g;

if(myInput.value.match(lowerCaseLetters)) { // Validate lowercase letters

letter.classList.remove("invalid");

letter.classList.add("valid");

} else {

letter.classList.remove("valid");

letter.classList.add("invalid");

}

var upperCaseLetters = /[A-Z]/g;

if(myInput.value.match(upperCaseLetters)) { // Validate capital letters

capital.classList.remove("invalid");

capital.classList.add("valid");

} else {

capital.classList.remove("valid");

capital.classList.add("invalid");

}

var numbers = /[0-9]/g;

if(myInput.value.match(numbers)) { // Validate numbers

number.classList.remove("invalid");

number.classList.add("valid");

} else {

number.classList.remove("valid");

number.classList.add("invalid");

}

if(myInput.value.length >= 8) {

length.classList.remove("invalid");

length.classList.add("valid");

} else {

length.classList.remove("valid");

length.classList.add("invalid");

}

}

Multiple Step Form

var currentTab = 0;

showTab(currentTab);

function showTab(n) {

var x = document.getElementsByClassName("tab");

x[n].style.display = "block";

if (n == 0) {

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

} else {

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

}

if (n == (x.length - 1)) {

document.getElementById("nextBtn").innerHTML = "Submit";

} else {

document.getElementById("nextBtn").innerHTML = "Next";

}

fixStepIndicator(n)

}

function nextPrev(n) {

var x = document.getElementsByClassName("tab");

if (n == 1 && !validateForm()) return false;

x[currentTab].style.display = "none";

currentTab = currentTab + n;

if (currentTab >= x.length) {

document.getElementById("regForm").submit();

return false;

}

showTab(currentTab);

}

function validateForm() {

var x, y, i, valid = true;

x = document.getElementsByClassName("tab");

y = x[currentTab].getElementsByTagName("input");

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

if (y[i].value == "") {

y[i].className += " invalid";

valid = false;

}

}

if (valid) {

document.getElementsByClassName("step")[currentTab].className += " finish";

}

return valid;

}

function fixStepIndicator(n) {

var i, x = document.getElementsByClassName("step");

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

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

}

x[n].className += " active";

}

Toggle Password Validity

<!DOCTYPE html>

<html>

<body>

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>

Filter List

function myFunction() {

var input, filter, ul, li, a, i;

input = document.getElementById('myInput');

filter = input.value.toUpperCase();

ul = document.getElementById("myUL");

li = ul.getElementsByTagName('li');

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

a = li[i].getElementsByTagName("a")[0];

if (a.innerHTML.toUpperCase().indexOf(filter) > -1) {

li[i].style.display = "";

} else {

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

}

}

}

Filter Table

function myFunction() {  
  // Declare variables   
  var input, filter, table, tr, td, i;  
  input = document.getElementById("myInput");  
  filter = input.value.toUpperCase();  
  table = document.getElementById("myTable");  
  tr = table.getElementsByTagName("tr");  
  
  // Loop through all table rows, and hide those who don't match the search query  
  for (i = 0; i < tr.length; i++) {  
    td = tr[i].getElementsByTagName("td")[0];  
    if (td) {  
      if (td.innerHTML.toUpperCase().indexOf(filter) > -1) {  
        tr[i].style.display = "";  
      } else {  
        tr[i].style.display = "none";  
      }  
    }   
  }  
}

Sort List

function sortList() {

var list, i, switching, b, shouldSwitch;

list = document.getElementById("id01");

b = list.getElementsByTagName("LI");

switching = true; // to run the while loop

while (switching) {

// this will terminate while loop when for loop finishes looping!

switching = false;

for (i = 0; i < (b.length - 1); i++) {

shouldSwitch = false;

console.log(i + ", " + (i + 1));

if (b[i].innerHTML.toLowerCase() > b[i + 1].innerHTML.toLowerCase()) {

shouldSwitch = true;

break; // break only if lists are switchable!

}

}

if (shouldSwitch) {

b[i].parentNode.insertBefore(b[i + 1], b[i]);

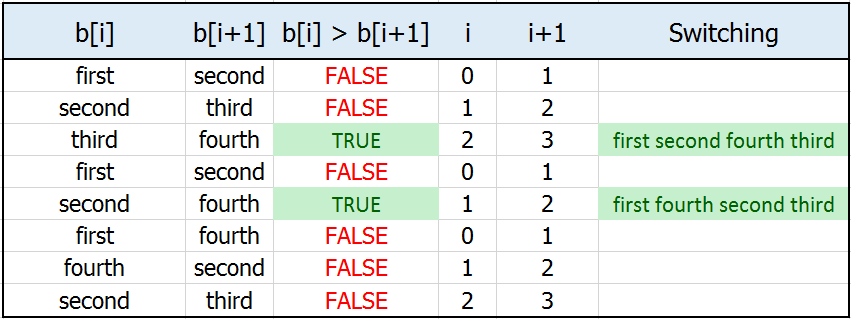
// Notice: b[i+1] should appear before b[i]

switching = true;

}

}

}



Fullscreen Video

var video = document.getElementById("myVideo");

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

function myFunction() {

if (video.paused) {

video.play();

btn.innerHTML = "Pause";

} else {

video.pause();

btn.innerHTML = "Play";

}

}

Close Modal

// Get the modal

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

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

window.onclick = function(event) {

if (event.target == modal) {

modal.style.display = "none";

}

}

Progress the bar on click

function move() {

var elem = document.getElementById("myBar");

var width = 1;

var id = setInterval(frame, 10);

function frame() {

if (width >= 100) {

clearInterval(id);

} else {

width++;

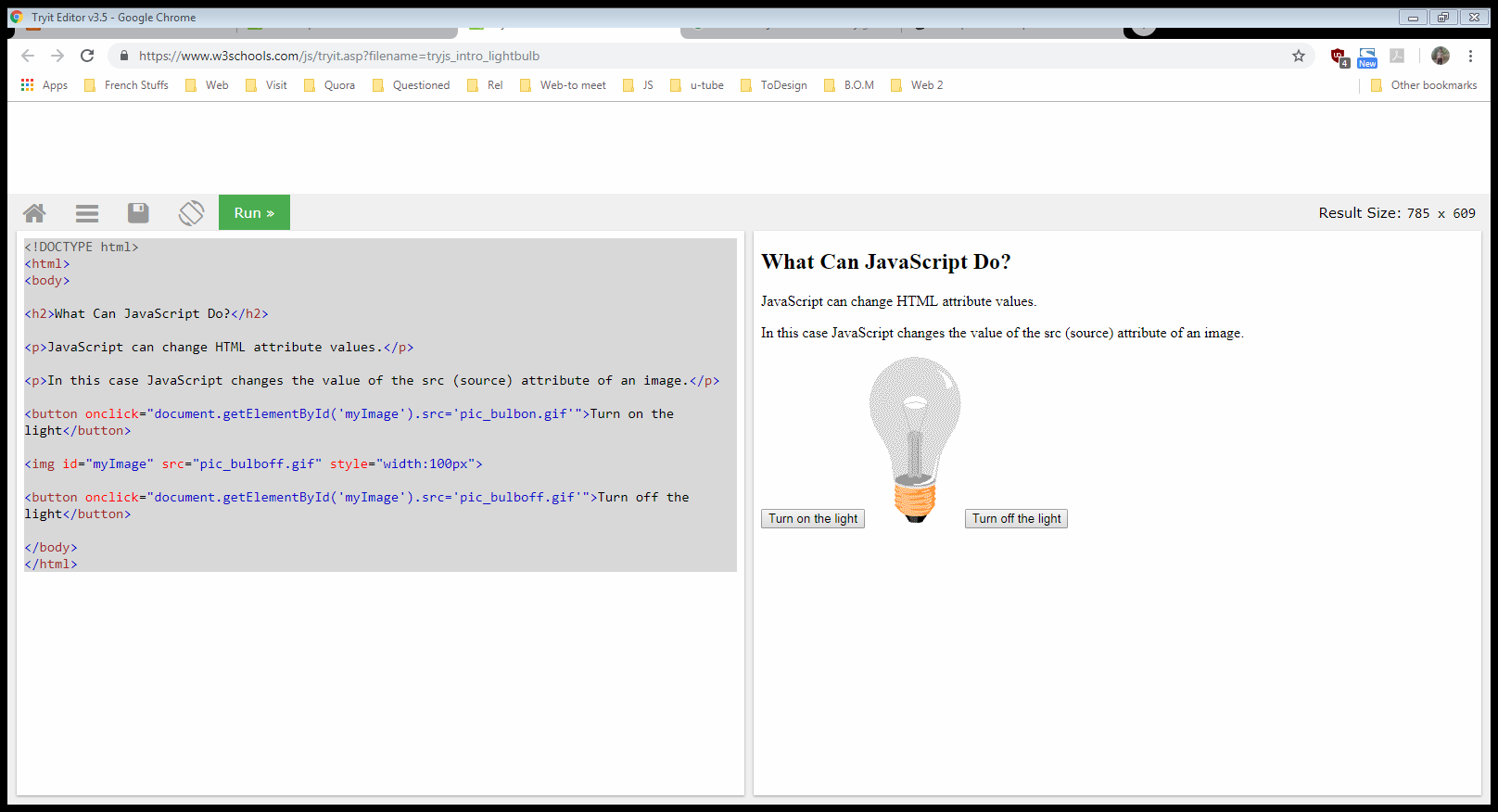
elem.style.width = width + '%';

}

}

}

Turn on and off the bulb



<!DOCTYPE html>

<html>

<body>

<button onclick="document.getElementById('myImage').src='pic\_bulbon.gif'">

Turn on the light

</button>

<img id="myImage" src="pic\_bulboff.gif" style="width:100px">

<button onclick="document.getElementById('myImage').src='pic\_bulboff.gif'">

Turn off the light

</button>

</body>

</html>

Loop through an array

<body>

<p id="demo"></p>

<script>

var fruits, text, fLen, i;

fruits = ["Banana", "Orange", "Apple", "Mango"];

fLen = fruits.length;

text = "<ul>";

for (i = 0; i < fLen; i++) {

text += "<li>" + fruits[i] + "</li>";

}

text += "</ul>";

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

</script>

</body>

Collapsible

var coll = document.getElementsByClassName("collapsible");

var i;

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

coll[i].addEventListener("click", function() {

this.classList.toggle("active");

var content = this.nextElementSibling;

if (content.style.maxHeight){

content.style.maxHeight = null;

} else {

content.style.maxHeight = content.scrollHeight + "px";

}

});

}

To-do List

// Create a "close" button and append it to each list item

var myNodelist = document.getElementsByTagName("LI");

var i;

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

var span = document.createElement("SPAN");

var txt = document.createTextNode("\u00D7");

span.className = "close";

span.appendChild(txt);

myNodelist[i].appendChild(span);

}

// Click on a close button to hide the current list item

var close = document.getElementsByClassName("close");

var i;

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

close[i].onclick = function() {

var div = this.parentElement;

div.style.display = "none";

}

}

// Add a "checked" symbol when clicking on a list item

var list = document.querySelector('ul');

list.addEventListener('click', function(ev) {

if (ev.target.tagName === 'LI') {

ev.target.classList.toggle('checked');

}

}, false);

// Create a new list item when clicking on the "Add" button

function newElement() {

var li = document.createElement("li");

var inputValue = document.getElementById("myInput").value;

var t = document.createTextNode(inputValue);

li.appendChild(t);

if (inputValue === '') {

alert("You must write something!");

} else {

document.getElementById("myUL").appendChild(li);

}

document.getElementById("myInput").value = "";

var span = document.createElement("SPAN");

var txt = document.createTextNode("\u00D7");

span.className = "close";

span.appendChild(txt);

li.appendChild(span);

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

close[i].onclick = function() {

var div = this.parentElement;

div.style.display = "none";

}

}

}

Loaders

<body onload="myFunction()" style="margin:0;">

<div id="loader"></div>

<div style="display:none;" id="myDiv" class="animate-bottom">

<h2>Tada!</h2>

<p>Some text in my newly loaded page..</p>

</div>

<script>

var myVar;

function myFunction() {

myVar = setTimeout(showPage, 3000);

}

function showPage() {

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

document.getElementById("myDiv").style.display = "block";

}

</script>

Alerts

var close = document.getElementsByClassName("closebtn");

var i;

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

close[i].onclick = function(){

this.parentElement.style.opacity = "0";

setTimeout(function(){ div.style.display = "none"; }, 600);

}

}

Popup Message, Snackbar

document.querySelector("#clickme").addEventListener("click",function(){

var popup = document.getElementsByClassName("bg-danger")[0];

popup.classList.add("show");

setTimeout(() => {

popup.classList.remove("show");

}, 10000);

});

Full screen video on click

<body>

<button onclick="openFullscreen();">Open Video in Fullscreen Mode</button>

<br>

<video width="100%" controls id="myvideo">

<source src="rain.mp4" type="video/mp4">

<source src="rain.ogg" type="video/ogg">

</video>

<script>

var elem = document.getElementById("myvideo");

function openFullscreen() {

if (elem.requestFullscreen) {

elem.requestFullscreen();

} else if (elem.mozRequestFullScreen) { /\* Firefox \*/

elem.mozRequestFullScreen();

} else if (elem.webkitRequestFullscreen) { /\* Chrome, Safari & Opera \*/

elem.webkitRequestFullscreen();

} else if (elem.msRequestFullscreen) { /\* IE/Edge \*/

elem.msRequestFullscreen();

}

}

</script>

</body>

Full screen window on click

<!DOCTYPE html>

<html>

<head>

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

<style>

:fullscreen {

background-color: yellow;

}

button {

padding: 20px;

font-size: 20px;

}

</style>

</head>

<body>

<button onclick="openFullscreen();">Open Fullscreen</button>

<button onclick="closeFullscreen();">Close Fullscreen</button>

<script>

var elem = document.documentElement;

function openFullscreen() {

if (elem.requestFullscreen) {

elem.requestFullscreen();

} else if (elem.mozRequestFullScreen) { /\* Firefox \*/

elem.mozRequestFullScreen();

} else if (elem.webkitRequestFullscreen) { /\* Chrome, Safari & Opera \*/

elem.webkitRequestFullscreen();

} else if (elem.msRequestFullscreen) { /\* IE/Edge \*/

elem.msRequestFullscreen();

}

}

function closeFullscreen() {

if (document.exitFullscreen) {

document.exitFullscreen();

} else if (document.mozCancelFullScreen) {

document.mozCancelFullScreen();

} else if (document.webkitExitFullscreen) {

document.webkitExitFullscreen();

} else if (document.msExitFullscreen) {

document.msExitFullscreen();

}

}

</script>

</body>

</html>

Toggle like/ dislike

<i onclick="myFunction(this)" class="fa fa-thumbs-up"></i>

<script>

function myFunction(x) {

x.classList.toggle("fa-thumbs-down");

}

</script>

Toggle hide/ show

<button onclick="myFunction()">Click Me</button>

<div id="myDIV">

This is my DIV element.

</div>

function myFunction() {

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

if (x.style.display === "none") {

x.style.display = "block";

} else {

x.style.display = "none";

}

}

Toggle Text

<p><button onclick="myFunction()">Click Me</button></p>

<div id="myDIV">Hello</div>

<script>

function myFunction() {

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

if (x.innerHTML === "Hello") {

x.innerHTML = "Swapped text!";

} else {

x.innerHTML = "Hello";

}

}

</script>

Toggle Class

<button onclick="myFunction()">Try it</button>

<div id="myDIV">

This is a DIV element.

</div>

<script>

function myFunction() {

var element = document.getElementById("myDIV");

if (element.classList) {

element.classList.toggle("mystyle");

} else {

var classes = element.className.split(" ");

var i = classes.indexOf("mystyle");

if (i >= 0)

classes.splice(i, 1);

else

classes.push("mystyle");

element.className = classes.join(" ");

}

}

</script>

<button onclick="myFunction()">Try it</button>

Add Class

<div id="myDIV">This is a DIV element.</div>

<script>

function myFunction() {

var element, name, arr;

element = document.getElementById("myDIV");

name = "mystyle";

arr = element.className.split(" ");

if (arr.indexOf(name) == -1) {

element.className += " " + name;

}

}

</script>

Remove Class

<div id="myDIV" class="mystyle">

This is a DIV element.

</div>

<script>

function myFunction() {

var element = document.getElementById("myDIV");

element.classList.remove("mystyle");

}

</script>

Remove Class - 2

<p>Click the "Try it" button to remove the "mystyle" class from the DIV element:</p>

<button onclick="myFunction()">Try it</button>

<div id="myDIV" class="mystyle">

This is a DIV element.

</div>

<script>

function myFunction() {

var element = document.getElementById("myDIV");

element.className = element.className.replace(/\bmystyle\b/g, "");

}

</script>

Active Button

<h1>Active Button</h1>

<p>Highlight the active/current (pressed) button.</p>

<div id="myDIV">

<button class="btn">1</button>

<button class="btn active">2</button>

<button class="btn">3</button>

<button class="btn">4</button>

<button class="btn">5</button>

</div>

<script>

// Add active class to the current button (highlight it)

var header = document.getElementById("myDIV");

var btns = header.getElementsByClassName("btn");

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

btns[i].addEventListener("click", function() {

var current = document.getElementsByClassName("active");

current[0].className = current[0].className.replace(" active", "");

this.className += " active";

});

}

</script>

<!DOCTYPE html>

<html lang="en">

Tree View

<!DOCTYPE html>

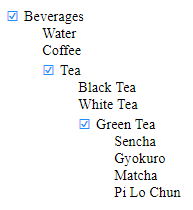
<html>

<head>

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

<style>

ul,

 #myUL {

list-style-type: none;

}

#myUL {

margin: 0;

padding: 0;

}

.box {

cursor: pointer;

user-select: none;

}

.box::before {

content: "\2610";

color: black;

display: inline-block;

margin-right: 6px;

}

.check-box::before {

content: "\2611";

color: dodgerblue;

}

.nested {

display: none;

}

.active {

display: block;

}

</style>

</head>

<body>

<h2>Tree View</h2>

<p>A tree view represents a hierarchical view of information, where each item can have a number of sub-items.</p>

<p>Click on the box(es) to open or close the tree branches. </p>

<ul id="myUL">

<li>

<span class="box">Beverages</span>

<ul class="nested">

<li>Water</li>

<li>Coffee</li>

<li>

<span class="box">Tea</span>

<ul class="nested">

<li>Black Tea</li>

<li>White Tea</li>

<li>

<span class="box">Green Tea</span>

<ul class="nested">

<li>Sencha</li>

<li>Gyokuro</li>

<li>Matcha</li>

<li>Pi Lo Chun</li>

</ul>

</li>

</ul>

</li>

</ul>

</li>

</ul>

<script>

var toggler = document.getElementsByClassName("box");

var i;

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

toggler[i].addEventListener("click", function() {

this.parentElement.querySelector(".nested").classList.toggle("active");

this.classList.toggle("check-box");

});

}

</script>

</body>

</html>

Redirect Webpage

// Simulate a mouse click:

window.location.href = "http://www.w3schools.com";

// Simulate an HTTP redirect:

window.location.replace("http://www.w3schools.com");

Animate icon

<html>

<style>

#div1 {

font-size: 48px;

}

</style>

<link

rel="stylesheet"

href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css"

/>

<body>

<div id="div1" class="fa"></div>

<script>

function chargebattery() {

var a;

a = document.getElementById("div1");

a.innerHTML = "&#xf244;";

setTimeout(function() {

a.innerHTML = "&#xf243;";

}, 1000);

setTimeout(function() {

a.innerHTML = "&#xf242;";

}, 2000);

setTimeout(function() {

a.innerHTML = "&#xf241;";

}, 3000);

setTimeout(function() {

a.innerHTML = "&#xf240;";

}, 4000);

}

chargebattery();

setInterval(chargebattery, 5000);

</script>

</body>

</html>

Countdown timer

<!DOCTYPE HTML>

<html>

<head>

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

<style>

p {

text-align: center;

font-size: 60px;

margin-top: 0px;

}

</style>

</head>

<body>

<p id="demo"></p>

<script>

// Set the date we're counting down to

var countDownDate = new Date("Jan 5, 2021 15:37:25").getTime();

// Update the count down every 1 second

var x = setInterval(function() {

// Get todays date and time

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

// Find the distance between now and the count down date

var distance = countDownDate - now;

// Time calculations for days, hours, minutes and seconds

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);

// Output the result in an element with id="demo"

document.getElementById("demo").innerHTML = days + "d " + hours + "h "

+ minutes + "m " + seconds + "s ";

// If the count down is over, write some text

if (distance < 0) {

clearInterval(x);

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

}

}, 1000);

</script>

</body>

Type writer

<html>

<body>

<button onclick="typeWriter()">Click me</button>

<p id="demo"></p>

<script>

var i = 0;

var txt = 'Lorem ipsum dummy text blabla.';

var speed = 50;

function typeWriter() {

if (i < txt.length) {

document.getElementById("demo").innerHTML += txt.charAt(i);

i++;

setTimeout(typeWriter, speed);

}

}

</script>

</body>

</html>

J.S Media Queries

<html>

<body>

<p>If the viewport is less than, or equal to, 700 pixels wide, the background color will be yellow. If it is greater than 700, it will change to pink.</p>

<script>

function myFunction(x) {

if (x.matches) { // If media query matches

document.body.style.backgroundColor = "yellow";

} else {

document.body.style.backgroundColor = "pink";

}

}

var x = window.matchMedia("(max-width: 700px)")

myFunction(x) // Call listener function at run time

x.addListener(myFunction) // Attach listener function on state changes

</script>

</body>

</html>

JS Animation

<!DOCTYPE html>

<html>

<style>

#myContainer {

width: 400px;

height: 400px;

position: relative;

background: yellow;

}

#myAnimation {

width: 50px;

height: 50px;

position: absolute;

background-color: red;

}

</style>

<body>

<p>

<button onclick="myMove()">Click Me</button>

</p>

<div id ="myContainer">

<div id ="myAnimation"></div>

</div>

<script>

function myMove() {

var elem = document.getElementById("myAnimation");

var pos = 0;

var id = setInterval(frame, 10);

function frame() {

if (pos == 350) {

clearInterval(id);

} else {

pos++;

elem.style.top = pos + 'px';

elem.style.left = pos + 'px';

}

}

}

</script>

</body>

</html>

Multiple Choice Quiz

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Quiz</title>

<link rel="stylesheet" href="style.css">

</head>

<body>

<div id="container">

<div id="start">Start Quiz!</div>

<div id="quiz" style="display: none">

<div id="question"></div>

<div id="qImg"></div>

<div id="choices">

<div class="choice" id="A" onclick="checkAnswer('A')"></div>

<div class="choice" id="B" onclick="checkAnswer('B')"></div>

<div class="choice" id="C" onclick="checkAnswer('C')"></div>

</div>

<div id="timer">

<div id="counter"></div>

<div id="btimeGauge"></div>

<div id="timeGauge"></div>

</div>

<div id="progress"></div>

</div>

<div id="scoreContainer" style="display: none"></div>

</div>

<script src="quiz.js"></script>

</body>

</html>

// select all elements

const start = document.getElementById("start");

const quiz = document.getElementById("quiz");

const question = document.getElementById("question");

const qImg = document.getElementById("qImg");

const choiceA = document.getElementById("A");

const choiceB = document.getElementById("B");

const choiceC = document.getElementById("C");

const counter = document.getElementById("counter");

const timeGauge = document.getElementById("timeGauge");

const progress = document.getElementById("progress");

const scoreDiv = document.getElementById("scoreContainer");

// create our questions

let questions = [{

question: "What does HTML stand for?",

imgSrc: "img/html.png",

choiceA: "Correct",

choiceB: "Wrong",

choiceC: "Wrong",

correct: "A"

}, {

question: "What does CSS stand for?",

imgSrc: "img/css.png",

choiceA: "Wrong",

choiceB: "Correct",

choiceC: "Wrong",

correct: "B"

}, {

question: "What does JS stand for?",

imgSrc: "img/js.png",

choiceA: "Wrong",

choiceB: "Wrong",

choiceC: "Correct",

correct: "C"

}];

// create some variables

const lastQuestion = questions.length - 1;

let runningQuestion = 0;

let count = 0;

const questionTime = 10; // 10s

const gaugeWidth = 150; // 150px

const gaugeUnit = gaugeWidth / questionTime;

let TIMER;

let score = 0;

// render a question

function renderQuestion() {

let q = questions[runningQuestion];

question.innerHTML = "<p>" + q.question + "</p>";

qImg.innerHTML = "<img src=" + q.imgSrc + ">";

choiceA.innerHTML = q.choiceA;

choiceB.innerHTML = q.choiceB;

choiceC.innerHTML = q.choiceC;

}

start.addEventListener("click", startQuiz);

// start quiz

function startQuiz() {

start.style.display = "none";

renderQuestion();

quiz.style.display = "block";

renderProgress();

renderCounter();

TIMER = setInterval(renderCounter, 1000); // 1000ms = 1s

}

// render progress

function renderProgress() {

for (let qIndex = 0; qIndex <= lastQuestion; qIndex++) {

progress.innerHTML += "<div class='prog' id=" + qIndex + "></div>";

}

}

// counter render

function renderCounter() {

if (count <= questionTime) {

counter.innerHTML = count;

timeGauge.style.width = count \* gaugeUnit + "px";

count++

} else {

count = 0;

// change progress color to red

answerIsWrong();

if (runningQuestion < lastQuestion) {

runningQuestion++;

renderQuestion();

} else {

// end the quiz and show the score

clearInterval(TIMER);

scoreRender();

}

}

}

// checkAnwer

function checkAnswer(answer) {

if (answer == questions[runningQuestion].correct) {

// answer is correct

score++;

// change progress color to green

answerIsCorrect();

} else {

// answer is wrong

// change progress color to red

answerIsWrong();

}

count = 0;

if (runningQuestion < lastQuestion) {

runningQuestion++;

renderQuestion();

} else {

// end the quiz and show the score

clearInterval(TIMER);

scoreRender();

}

}

// answer is correct

function answerIsCorrect() {

document.getElementById(runningQuestion).style.backgroundColor = "#0f0";

}

// answer is Wrong

function answerIsWrong() {

document.getElementById(runningQuestion).style.backgroundColor = "#f00";

}

// score render

function scoreRender() {

scoreDiv.style.display = "block";

// calculate the amount of question percent answered by the user

const scorePerCent = Math.round(100 \* score / questions.length);

// choose the image based on the scorePerCent

let img = (scorePerCent >= 80) ? "img/5.png" :

(scorePerCent >= 60) ? "img/4.png" :

(scorePerCent >= 40) ? "img/3.png" :

(scorePerCent >= 20) ? "img/2.png" :

"img/1.png";

scoreDiv.innerHTML = "<img src=" + img + ">";

scoreDiv.innerHTML += "<p>" + scorePerCent + "%</p>";

}

responsive navbar

<nav>

<div class="logo">

<span>LOGO</span>

</div>

<ul class="nav-links" id="sidenav">

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

<li><a href="#">Products</a></li>

<li><a href="#">Gallery</a></li>

<li><a href="#">Portfolio</a></li>

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

<li><a href="#">Contact us</a></li>

</ul>

<div class="burgers">

<div class="line1"></div>

<div class="line2"></div>

<div class="line3"></div>

</div>

</nav>

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

let navSlide = () =>{

let nav = document.getElementById("sidenav");

let navlinks = document.querySelectorAll(".nav-links li");

let burger = document.querySelector(".burgers");

burger.addEventListener("click", () => {

nav.classList.toggle("sidenav-active");

nav.style.transition = "all 0.5s";

navlinks.forEach((link, index) => {

if(link.style.animation){

link.style.animation = "";

} else {

link.style.animation =

`navLinkFade 0.5s ease forwards ${index/6 + 0.5}s`;

}

});

});

};

navSlide();

Advanced Slideshow

var slideIndex = 1;

showSlides(slideIndex);

setIntervalId = setInterval(function() {

showSlides(++slideIndex);

}, 2500);

function plusSlides(n) {

showSlides((slideIndex += n));

clearInterval(setIntervalId); <!— disable auto play on user interaction 🡪

}

function currentSlide(n) {

showSlides((slideIndex = n));

clearInterval(setIntervalId);

}

function showSlides(n) {

var I, slides = document.getElementsByClassName("mySlides");

var 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";

}

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<div class="slideshow-container">

<div class="mySlides fade">

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

<img src="w3images/1.jpg" style="width:100%" />

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

</div>

....

<a class="prev" onclick="plusSlides(-1)">&#10094;</a>

<a class="next" onclick="plusSlides(1)">&#10095;</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>

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_