<!-- 1. Write a JavaScript code to input names and age of 10 different person in two different arrays

and display the name of the oldest person on a text box after clicking on a Display button -->

<!doctype html>

<html>

<head>

<title>LAB 8 | Q1</title>

<style>

</style>

</head>

<body>

<p id = "arrayName"></p>

<p id = "arrayAge"></p>

<input type = "submit" onclick = "oldPerson()" value = "Display Oldest Person name and age"></input>

</body>

<script>

let name = ["Nima Sherpa","Hari Thapa","Sita Shrestha","Bishnu Thapa","Ram Basnet","Laxman Basnet","Subash Pandey","Sita Basnet","Bishnu Neupane","Bikash Neupane"];

let age = [20, 50, 40, 45, 33, 92, 34 ,43, 32, 47];

document.getElementById("arrayName").innerHTML = name;

document.getElementById("arrayAge").innerHTML = age;

function oldPerson() {

let oldAge = age[0];

for (let i = 1; i < age.length; i++) {

if (age[i] > oldAge) {

oldAge = age[i];

}

}

let ageIndex = age.indexOf(oldAge);

let agedName = name[ageIndex];

document.write("Oldest Person Name: "+ agedName + "<br>");

document.write("Oldest Person Age: " + oldAge);

console.log(ageIndex);

}

</script>

</html>

<!-- 2. Write a Javascript code to determine an input number is Even or Odd using conditional operator. -->

<!doctype html>

<html>

<head>

<title>LAB 8 | Q2</title>

<style>

</style>

</head>

<body>

<h3>Check your number is Even or Odd</h3>

<input type = "number" id = "val"></input>

<button type = "submit" id = "submit" onclick = "check()">Checked</button> <br><br>

<p id = "numberType"></p>

</body>

<script>

function check(){

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

//document.write(value);

if (value % 2 == 0){

document.getElementById("numberType").innerHTML = "Even Number";

}

else{

document.getElementById("numberType").innerHTML = "Odd Number";

}

}

</script>

</html>

<!-- 3. Write the Javascript program to display the following output(Use switch statement) -->

<!doctype html>

<html>

<head>

<title>LAB 8 | Q3</title>

<style>

body{

font-weight:bold;

}

</style>

</head>

<body>

<p>This page says: <br> Select your choice (1-7):</p>

<ol>

<li>Sunday</li>

<li>Monday</li>

<li>Tuesday</li>

<li>Wednesday</li>

<li>Thursday</li>

<li>Friday</li>

<li>Saturday</li>

</ol>

<input type = "number" id = "value"></input>

<input type = "submit" id = "submit" onclick = "choice()"></input><br>

<input type = "text" id = "message"></input>

</body>

<script>

function choice(){

const val = document.getElementById("value").value;

console.log(val);

switch(val){

//using regular expression garna mildaina mam

/\* case /[1-6]/d:

document.getElementById("message").value = "Sad, Today is not holiday.";

break; \*/

case 1:

document.getElementById("message").value = "Sad, Today is not holiday.";

break;

case 2:

document.getElementById("message").value = "Sad, Today is not holiday.";

break;

case 3:

document.getElementById("message").value = "Sad, Today is not holiday.";

break;

case 4:

document.getElementById("message").value = "Sad, Today is not holiday.";

break;

case 2:

document.getElementById("message").value = "Sad, Today is not holiday.";

break;

case 5:

document.getElementById("message").value = "Sad, Today is not holiday.";

break;

case 6:

document.getElementById("message").value = "Sad, Today is not holiday.";

break;

case 7:

document.getElementById("message").value = "Hurry, Today is holiday.";

console.log("holiday");

break;

//default:

//document.getElementById("message").value = "Invalid! Input.";

}

}

</script>

</html>

<!-- 4.Write a Javascript program that changes the background color of <div> element on user click. -->

<!doctype html>

<html>

<head>

<title>LAB 8 | Q4</title>

<style>

div{

height:50px;

border:2px solid;

border-color:black;

margin:10px 10px 10px 10px;

text-align:center;

padding-top:25px;

font-weight:bold;

color:red;

}

#content1 {

background-color:green;

}

#content2 {

background-color:gray;

}

#content3 {

background-color:blue;

}

</style>

</head>

<body>

<div id = "content1" onclick = "changeColor1">div 1</div>

<div id = "content2" onclick = "changeColor2">div 2</div>

<div id = "content3" onclick = "changeColor3">div 3</div>

<button type = "button" onclick = "changeColor1()">Change background of Div 1</button>

<button type = "button" onclick = "changeColor2()">Change background of Div 2</button>

<button type = "button" onclick = "changeColor3()">Change background of Div 3</button>

</body>

<script>

function changeColor1() {

document.getElementById("content1").style.backgroundColor = "red";

document.getElementById("content1").style.color = "black";

}

function changeColor2() {

document.getElementById("content2").style.backgroundColor = "red";

document.getElementById("content2").style.color = "black";

}

function changeColor3() {

document.getElementById("content3").style.backgroundColor = "red";

document.getElementById("content3").style.color = "black";

}

</script>

</html>

<!-- 5. Write a Javascript program that prompt the user to enter his her UserName and Password and

1. If UserName is not entered: Display “Enter UserName”

2. If Password is not entered: Display enter password

3. If both UserName and Password is not entered: Display Enter UserName/pass word

4. If UserName equals “admin” and Password equals “admin123” Display: Welcome you are logged In

Otherwise: Display “Sorry try again” -->

<!doctype html>

<html>

<head>

<title>LAB 8 | Q5</title>

<style>

</style>

</head>

<body>

<p>Enter Username and Password <br> Username:admin <br> Password:admin123</p>

<button onclick="promptFunction()">Ok</button>

<p id="prompt"></p>

</body>

<script>

function promptFunction() {

let username = "admin";

let password = "admin123";

let empty = "";

let User = prompt("Username", "",);

let Pwd = prompt("Password", "");

if (User != empty) {

if (Pwd != empty){

if (User == username && Pwd == password) {

document.getElementById("prompt").innerHTML = "Welcome you are logged in.";

}

else {

document.getElementById("prompt").innerHTML = "Sorry try again.";

}

}

else {

document.getElementById("prompt").innerHTML = "Enter Password.";

}

}

else{

document.getElementById("prompt").innerHTML = "Enter Username";

}

}

</script>

</html>