**HTML5-Quiz.html**

<!DOCTYPE HTML>

**<html>**

 **<head>**

 **<title>**JS - Quiz**</title>**

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

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

 **</head>**

 **<body>**

 **<div** **id** = **"container">**

 **<header>**

 **<h1>**Ein Quiz mit Javascript**</h1>**

 **<p>**Basiswissen zum WEB**</p>**

 **</header>**

 **<section>**

 **<form** **name** = **"nameForm"**>Name:**</br>**

 **<input** **type** = **"text"** **name** = **"name"></br>**

 **</form>**

 **<div** **id** = **"results"></div>**

 **<form** **name** = **"quizForm"** **onsubmit** = **"return submitAnswers()">**

 **<h3>**1. Wofür steht das h1-Tag?**</h3>**

 **<input** **type** = **"radio"** **name** = **"f1"** **value** = **"a"** **id** = **"f1a">**a. große Überschrift**</br>**

 **<input** **type** = **"radio"** **name** = **"f1"** **value** = **"b"** **id** = **"f1b">**b. fett gedruckt**</br>**

 **<input** **type** = **"radio"** **name** = **"f1"** **value** = **"c"** **id** = **"f1c">**c. durchgestrichen**</br>**

 **<input** **type** = **"radio"** **name** = **"f1"** **value** = **"d"** **id** = **"f1d">**d. kleine Überschrift**</br></br>**

 **<h3>**2. Wofür steht CSS?**</h3>**

 **<input** **type** = **"radio"** **name** = **"f2"** **value** = **"a"** **id** = **"f2a">**a. Case Sensitive Stuff**</br>**

 **<input** **type** = **"radio"** **name** = **"f2"** **value** = **"b"** **id** = **"f2b">**b. Cereals Sweet Sugar**</br>**

 **<input** **type** = **"radio"** **name** = **"f2"** **value** = **"c"** **id** = **"f2c">**c. Cascading Style Sheet**</br>**

 **<input** **type** = **"radio"** **name** = **"f2"** **value** = **"d"** **id** = **"f2d">**d. Customer Service Support**</br></br>**

 **<h3>**3. Wie verwendet man einen Hinweis in Javascript?**</h3>**

 **<input** **type** = **"radio"** **name** = **"f3"** **value** = **"a"** **id** = **"f3a">**a. alert("Hinweis");</br>

 **<input** **type** = **"radio"** **name** = **"f3"** **value** = **"b"** **id** = **"f3b">**b. popup("Hinweis");</br>

 **<input** **type** = **"radio"** **name** = **"f3"** **value** = **"c"** **id** = **"f3c">**c. document.write("Hinweis");**</br></br>**

 **<h3>**4. Javascript ist eine Scriptsprache**</h3>**

 **<input** **type** = **"radio"** **name** = **"f4"** **value** = **"a"** **id** = **"f4a">**a. Richtig**</br>**

 **<input** **type** = **"radio"** **name** = **"f4"** **value** = **"b"** **id** = **"f4b">**b. Falsch**</br>**

 **</br>**

 **<input** **type** = **"submit"** **value** = **"Antwort abschicken">**

 **</form>**

 **</section>**

 **<footer>**

 **<p><a** **href** = **"">**Impressum**</a></p>**

 **</footer>**

 **</div>**

 **</body>**

**</html>**

**style.css**

**body**

{

 background : #DA4B4C;

 color : #FFF;

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

}

**header**

{

 text-align : center;

 border : #FFF dotted 3px;

 background-color: lightblue;

}

**#container**

{

 background: #6C9BCB;

 width : 70%;

 margin : 10px auto;

 padding : 15px;

}

**input[type = "submit"]**

{

 background: #F06226;

 border : 0;

 color : #FFF;

 padding : 12px 12px;

 cursor : pointer;

}

**quiz.js**

**function submitAnswers()**

{

 **var** numQuestions = **4**; **// Anzahl der Fragen**

 **var** score = **0**; **// Anzahl der erzielten Punkte**

 **var** results = **0**; **// Ergebnisse**

 **var** answers = [ "a", "c", "a", "a" ]; **// die richtigen Antworten im Quiz**

 **var** name; **// Name des Users**

 **var** f1, f2, f3, f4; **// Fragen im Quiz**

 name = **document**.querySelector**(**'input[name="name"]'**)**.value; **// Usernamen holen**

 f1 = **document**.querySelector**(**'input[name="f1"]:checked'**)**.value; **// Wahl Radiobutton bei Frage 1**

 f2 = **document**.querySelector**(**'input[name="f2"]:checked'**)**.value; **// Wahl Radiobutton bei Frage 2**

 f3 = **document**.querySelector**(**'input[name="f3"]:checked'**)**.value; **// Wahl Radiobutton bei Frage 3**

 f4 = **document**.querySelector**(**'input[name="f4"]:checked'**)**.value; **// Wahl Radiobutton bei Frage 4**

 **// hat der User irgendwo vergessen einen Radiobutton zu drücken?**

 **for** **(**i=**1**;i **<=** numQuestions;i**++)**

 {

 **if** **((eval(**'f' **+** i**)** == **null)** **||** **(eval**('f' **+** i) == ''**))** **// keine Wahl oder Leerstring?**

 {

 **alert(**"Folgende Antwort fehlt noch " + i**)**;

 **return(false);** **// Funktion verlassen**

 }

 **for** **(**i=**1**;i **<=** numQuestions;i**++)**

 {

 **if** **(eval(**'f' **+** i**)** == answers[i-**1**]**)**

 {

 score**++**;

 }

 }

 results = **document**.getElementById**(**'results'**)**;

 results.innerHTML = '<h3>' **+** name **+**

 ' du hast <span>' **+** score **+**

 '</span> von <span>' **+** numQuestions **+**

 '</span> Punkten erreicht</h3>';

 **// übertragen von name, Punktzahl und Anzahl der Fragen**

 **// volle Punktzahl erreicht?**

 **if** (score == numQuestions)

 {

 **alert(**name **+** ", du hast alles richtig!"**)**;

 }

 **else if** (score **>=** **1)**

 {

 **alert**(name **+** ", du hast " **+** score **+** " von " **+** numQuestions **+** " Punkten!"**)**;

 }

 **else**

 {

 **alert(**"alles falsch!"**)**;

 }

 }

 **return(false);**

}

**Output ⇨**

|  |  |  |
| --- | --- | --- |
|  |  |  |