

Line wrap

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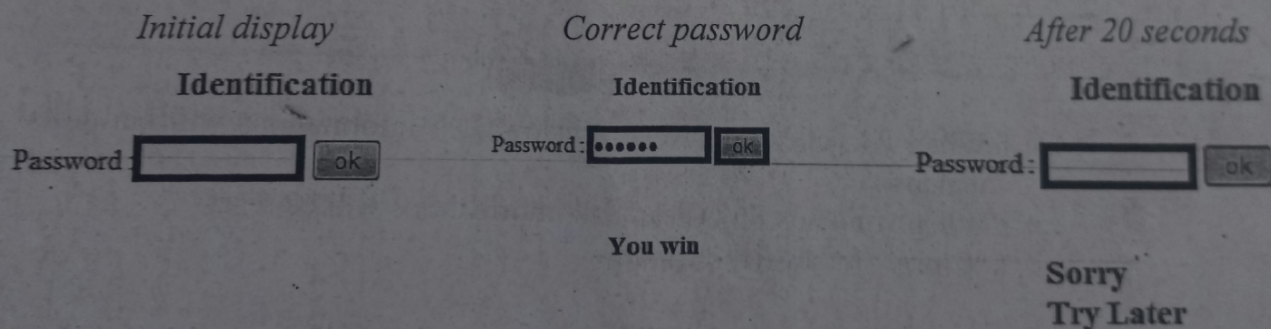
1 <html>
2   <head>
3     <title>Exercise 1</title>
4     <script language="JavaScript">
5       var timeout;
6       function timeoutFunc(){
7         input = document.getElementById('pw');
8         submit = document.getElementById('sub');
9         div = document.getElementById('par');
10        input.disabled = true;
11        submit.disabled = true;
12        div.innerHTML = '<p>Sorry, try later</p>';
13      }
14      function test(){
15        pass = document.getElementById('pw');
16        div = document.getElementById('par');
17        if (pass.value == "123") {
18          div.innerHTML = '<p>You win</p>';
19          clearTimeout(timeout);
20        }
21      }
22      timeout = setTimeout(timeoutFunc, 20000);
23    </script>
24  </head>
25  <body>
26    <h1>Identification</h1>
27    <form>
28      <label>Password</label>
29      <input type="text" name="pw" id="pw">
30      <input type="submit" value="submit" id="sub" onclick="test(); return false">
31    </form>
32    <div id="par" center>
33
34  </div>
35 </body>
36 </html>

```

Exercise 1: (30 points)

Write a script that allows entering the password according to the following function:

- The user has 20 seconds to enter the password. *Password = 'DataScience'*
If the password is correct, the message "You win" is displayed. If the correct password is not entered within 20 seconds, the message: "Sorry, try later" is displayed and input field and button are disabled.



Line wrap

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1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <title>Exercise 2</title>
5   <style>
6     body{
7       text-align: center;
8     }
9     input {
10      width: 40px;
11    }
12  </style>
13  <script>
14    function calc1() {
15      unitF = parseInt(document.getElementById('unitf1').textContent);
16      unitB = parseInt(document.getElementById('unitb1').textContent);
17      Front = document.getElementById('front1').value;
18      Back = document.getElementById('back1').value;
19      Total = document.getElementById('Total');
20      Ans = (unitF * Front) + (unitB * Back);
21      Total.value = Ans;
22      calcT1();
23    }
24    function calc2() {
25      unitF = parseInt(document.getElementById('unitf2').textContent);
26      unitB = parseInt(document.getElementById('unitb2').textContent);
27      Front = document.getElementById('front2').value;
28      Back = document.getElementById('back2').value;
29      Total = document.getElementById('Total2');
30      Ans = (unitF * Front) + (unitB * Back);
31      Total.value = Ans;
32      calcT1();
33    }
34    function calcT1() {
35      Front = parseInt(document.getElementById('front1').value);
36      Back = parseInt(document.getElementById('back1').value);
37      Front2 = parseInt(document.getElementById('front2').value);
38      Back2 = parseInt(document.getElementById('back2').value);
39      Total = document.getElementById('t1');
40      Ans = Front + Back + Front2 + Back2;
41      Total.value = Ans;
42      calcT2();
43    }
44    function calcT2() {
45      Total1 = parseInt(document.getElementById('Total').value);
46      Total2 = parseInt(document.getElementById('Total2').value);
47      Total = document.getElementById('t2');
48      Ans = Total1 + Total2;
49      Total.value = Ans;
50    }
51  </script>
52 </head>
53 <body>
54   <table border="1">
55     <th colspan="5">Lebanon_Festival 2015</th>
56     <tr>
57       <td>Festival</td>
58       <td>Places</td>
59       <td>Unit Price</td>
60       <td>Number</td>
61       <td>Total</td>
62     </tr>
63     <tr>
64       <td rowspan="2">Baalbek</td>

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65     <td>Front</td>
66     <td id="unitf1">30</td>
67     <td><input type="text" id="front1" value="0" oninput="calc1()"></td>
68     <td rowspan="2"><input type="text" id="Total" value="0" readonly></td>
69 </tr>
70 <tr>
71     <td>Back</td>
72     <td id="unitb1">15</td>
73     <td><input type="text" id="back1" value="0" oninput="calc1()"></td>
74 </tr>
75 <tr>
76     <td rowspan="2">BeitDinne</td>
77     <td>Front</td>
78     <td id="unitf2">20</td>
79     <td><input type="text" id="front2" value="0" oninput="calc2()"></td>
80     <td rowspan="2"><input type="text" id="Total2" value="0" readonly></td>
81 </tr>
82 <tr>
83     <td>Back</td>
84     <td id="unitb2">10</td>
85     <td><input type="text" id="back2" value="0" oninput="calc2()"></td>
86 </tr>
87 <tr>
88     <td colspan="3">Total</td>
89     <td><input type="text" id="t1" value="0" readonly></td>
90     <td><input type="text" id="t2" value="0" readonly></td>
91 </tr>
92 </table>
93 </body>
94 </html>

```

Exercise 2: (30 points)

Write a script that calculates the price of tickets “Festivals of Lebanon 2015” according to the following screen:

Initial View

Lebanon Festival 2015				
Festival	Places	Unit Price	Number	Total
Baalbek	Front	30	<input type="text" value="0"/>	<input type="text" value="0"/>
	Back	15	<input type="text" value="0"/>	
BeirDinne	Front	20	<input type="text" value="0"/>	<input type="text" value="0"/>
	Back	10	<input type="text" value="0"/>	
Total			<input type="text" value="0"/>	<input type="text" value="0"/>

After DataEntry

Lebanon Festival 2015				
Festival	Places	Unit Price	Number	Total
Baalbek	Front	30	<input type="text" value="3"/>	<input type="text" value="105"/>
	Back	15	<input type="text" value="1"/>	
BeirDinne	Front	20	<input type="text" value="2"/>	<input type="text" value="60"/>
	Back	10	<input type="text" value="2"/>	
Total			<input type="text" value="8"/>	<input type="text" value="165"/>

Notes:

Number column are represented by input fields to give you access to change the value. Total row and column are also represented by input fields to calculate the summation, they are “read only”.

Line wrap

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1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <title>Exercise 3</title>
5 </head>
6 <body>
7   <h1>Online Application for visa</h1>
8   <form id="form">
9     <fieldset>
10      <legend>Personal Information</legend>
11      <label>Last name:</label><input type="text" id="fname">
12      <label>first name:</label><input type="text" id="lname">
13      <label>Date Of Birth</label><input type="text" id="dob">
14      <div style="display: flex; justify-content: space-between; align-items: center;">
15        <div>
16          <label>Your gender is: </label>
17          <input type="radio" name="gender" value="male" id="m"><label for="m">Male</label>
18          <input type="radio" name="gender" value="female" id="f"><label for="f">Female</label>
19          <br>
20          <label>Your marial status? </label>
21          <select id="status" name="status">
22            <option value="single" >single</option>
23            <option value="married" >married</option>
24            <option value="divorced" >divorced</option>
25          </select>
26          <br>
27          <label>Type of travel document:</label><br>
28          <input type="checkbox" name="travel" id="one" value="Ordinary Passport"><label for="one">Ordinary Passport</label>
29          <input type="checkbox" name="travel" id="two" value="Diplomaticlabel Passport" ><label for="two">Diplomatic Passport</label>
30          <input type="checkbox" name="travel" id="three" value="Special Passport"><label for="three">Special Passport</label>
31          <input type="checkbox" name="travel" id="four" value="Other"><label for="four">Other</label>
32          <br>
33          <label>Enter the trip description:</label><br>
34          <textarea name="Description" id="desc" cols="30" rows="4">This is my trip</textarea>
35        </div>
36        <div>
37          <div style="width: 150px; height: 100px; border: 5px solid #000;">
38            
39          </div>
40        </div>
41      </div>
42    </fieldset>
43    <div>
44      <input type="button" value="New Window" onclick="new_window(); return false;">
45      <input type="button" value="Clear" onclick="clear_window(); return false;">
46      <input type="button" value="Close" onclick="window.close()">
47    </div>
48  </form>
49  <script>
50    var form = document.getElementById('form');
51    var fname = document.getElementById('fname');
52    var lname = document.getElementById('lname');
53    var dob = document.getElementById('dob');
54    var gender= form.elements['gender'];
55    var statusM = document.getElementById('status');
56    var checkbox= form.elements['travel'];
57    var textarea = document.getElementById('desc');
58    function new_window(){
59      var name = fname.value + " " + lname.value;
60      var date = dob.value;
61      var g = gender.value;
62      var travel = [];
63      for(var i = 0; i < checkbox.length; i++){
64        if(checkbox[i].checked){
65          travel.push(checkbox[i].value)
66        }
67      }
68      var s = statusM.value;
69      var description = textarea.value;
70      var newWindow = window.open("", "newWindow");
71      newWindow.document.write("<h1>Information</h1>");
72      newWindow.document.write("<p>Name: " + name + "</p>");
73      newWindow.document.write("<p>Date Of Birth: " + date + "</p>");
74      newWindow.document.write("<p>Gender: " + g + "</p>");
75      newWindow.document.write("<p>Marial Status: " + s + "</p>");
76      newWindow.document.write("<p>Type of trip description: <ul>");
77      travel.forEach(item => {
78        newWindow.document.write("<li>" + item + "</li>");
79      });
80      newWindow.document.write("</ul></p>");
81      newWindow.document.write("<p>Trip description: " + description + "</p>");
82    }
83  }
84  function clear_window() {
85    var elements = form.elements;
86    statusM.value = 'single';
87    textarea.value = 'This is my trip';
88    for(var i=0; i<elements.length; i++){
89      var el = elements[i];
90      if (el.type == "radio" || el.type == "checkbox") {
91        el.checked = false;

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92     }
93     if (el.type == "text") {
94         el.value = "";
95     }
96 }
97 }
98 }
99 </body>
100 </html>
```

Exercise 3: (40 points)

Write a script giving the following display:

- 1- Field set contains a form
- 2- Form Title on center
- 3- Form contains: text box, radio button, list, check box and text area
- 4- bottoms

Online Application for visa

Personal Information

Last name: first name: Date Of Birth:

your gender is: Male Female

your marial status?

Type of travel document:

Ordinary Passport Diplomatic Passport Special Passport Autre

Enter the trip description:

Your image

- 4.1. When you click on "New_Window", all informations will be in new window.
- 4.2. When you click on "Clear", all informations will be reset
- 4.3. "Close": to close the window

