Auditory exercises 6

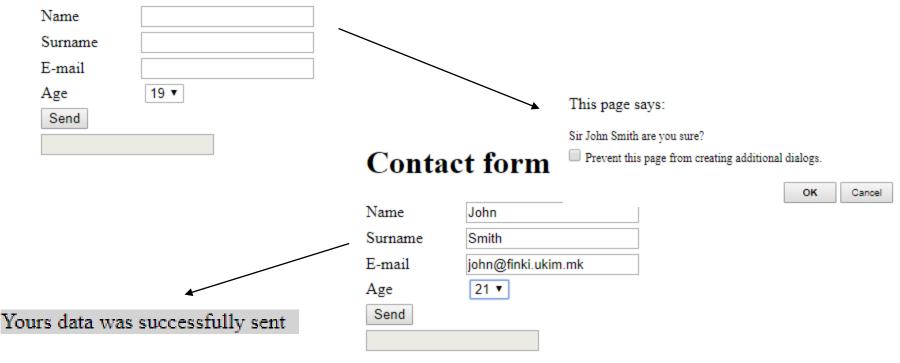
Internet programming

Ivan Kitanovski Bojan Ilijoski



Make a web page which contains 3 text fields, a drop-down list, a button and one disabled text field. By entering the data and pressing the button, a message appears where the data should be confirmed. If is confirmed a text message is displayed in the bottom text field.

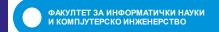
Contact form





```
<h1>Contact form</h1>
<div><label>Name</label><input id="name" type="text"></div>
<div><label>Surname</label><input id="surname" type="text"></div>
<div><label>E-mail</label><input id="email" type="text"></div>
<div><label>Age</label>
<select id="age">
            <option value="19">19</option>
            <option value="20">20</option>
            <option value="21">21</option>
            <option value="22">22</option>
            <option value="23">23</option>
</select>
</div>
<div>
<input type="button" id="btn" onclick="send();" value="Send">
</div>
<input type="text" disabled="disabled" id="message">
```

```
function write(){
       let x=document.getElementById('name').value;
       let surname=document.getElementById('surname').value;
       let email=document.getElementById('email').value;
       let age=document.getElementById('age').value;
       if(x=="" || surname=="" || email=="" || age=="")
               alert("All fields must be filled");
       else
                let str="Sir "+x+" "+prezime+" are you sure?";
                if(confirm(str))
                    this.document.getElementById('messaage').value="Yours data was
successfully sent";
                else
                    alert("Yours data was not sent");
```



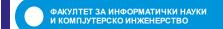
We need to make a web page for managing data about projects. In the text fields enter the name of the author, the project and the cost of the project. Upon clicking the add button, we need to check if all three fields are filled (otherwise a message appears) and, if they are a new entry is added to the table and the fields are reset.

Projects details

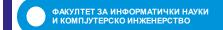
	Add	
Cost		
Project		
Author		

Project list

Author	Project	Cost
John	Project 1	10000
Jane	Project 2	20000

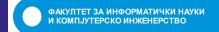


```
<h2>Projects details</h2>
<div><label>Author</label><input id="author" type="text"></div>
<div><label>Project</label><input id="project" type="text"></div>
<div><label>Cost</label><input id="cost" type="text"></div>
<div><input type="button" name="add" value="Add" onclick="addRow();"></div>
<h2>Project list</h2>
<thead>AuthorProjectCost
        <style type="text/css">
label {
                                                width: 100px;
                                                display: inline-block;
                                       input[type=button]{
                                                width: 265px;
                                       div {
                                                margin-bottom: 10px;
                                       table, td, th {
                                                border: 1px solid black;
                                                border-collapse: collapse;
                                       </style>
```



```
function addRow() {
           let tableRef = document.getElementById('projects').getElementsByTagName('tbody')[0];
           let project = document.getElementById('project');
           let author = document.getElementById('author');
           let cost = document.getElementById('cost');
           // Check if all values are there
           if(project.value == "" || author.value == "" || cost.value == "") {
                        alert("All values are not entered.");
                         return;
           }
           // Insert a row in the table at the last row
           let newRow = tableRef.insertRow(tableRef.rows.length);
           // Insert a cell in the row at index 0
           let newCell0 = newRow.insertCell(0);
           // Insert a cell in the row at index 1
           let newCell1 = newRow.insertCell(1);
           // Insert a cell in the row at index 2
           let newCell2 = newRow.insertCell(2);
           // Option 1: Append a text node to the cell
           // let newText = document.createTextNode('New row');
           // newCell0.appendChild(newText);
           // Option 2
           newCell0.innerHTML = author.value;
           newCell1.innerHTML = project.value;
           newCell2.innerHTML = cost.value;
           // reset fields
           author.value = "";
           project.value = "";
           cost.value = "";
```

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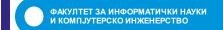
We will extend the previous task by displaying the total cost of projects in the table and by adding a "Remove" button in each project (row). The total value of the projects should be updated any time we add or remove a project.

Projects details

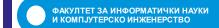
Add		
Cost		
Project		
Author		

Project list - Total cost: 30000

Author	Project	Cost	
John	Smith	10000	Remove
Jane	Smith	20000	Remove



```
<h2>Projects details</h2>
<div><label>Author</label><input id="author" type="text"></div>
<div><label>Project</label><input id="project" type="text"></div>
<div><label>Cost</label><input id="cost" type="text"></div>
<div><input type="button" name="add" value="Add" onclick="addRow();"></div>
<h2>Project list - Total cost: <span id="total">0</span></h2>
<thead>AuthorProject<th
colspan="2">Cost</thead>
        <style type="text/css">
label {
                                                 width: 100px;
                                                 display: inline-block;
                                        input[type=button]{
                                                 width: 265px;
                                        div {
                                                 margin-bottom: 10px;
                                        table, td, th {
                                                 border: 1px solid black;
                                                 border-collapse: collapse;
                                        </style>
```



```
function addRow() {
            let tableRef = document.getElementById('projects').getElementsByTagName('tbody')[0];
            let project = document.getElementById('project');
            let author = document.getElementById('author');
            let cost = document.getElementById('cost');
             // Check if all the values are there
            if(project.value == "" || author.value == "" || cost.value == "") {
                          alert("All values are not entered.");
                          return;
             // Insert a row in the table at the last row
            let newRow = tableRef.insertRow(tableRef.rows.length);
             // Insert a cell in the row at index 0
             let newCell0 = newRow.insertCell(0);
            // Insert a cell in the row at index 1
                                                                          // Create a <button> element
                                                                         let btn = document.createElement("BUTTON");
             let newCell1 = newRow.insertCell(1);
             // Insert a cell in the row at index 2
                                                                         // Create a text node
            let newCell2 = newRow.insertCell(2);
                                                                         let t = document.createTextNode("Remove");
             // Insert a cell in the row at index 3
                                                                         btn.appendChild(t);// Append the text to <button>
            let newCell3 = newRow.insertCell(3);
                                                                         btn.setAttribute('onclick', 'removeRow(this);');
                                                                         newCell3.appendChild(btn);
            // Option 1: Append a text node to the cell
                                                                         // Aleternatively
            // let newText = document.createTextNode('New row');
                                                                         // newCell3.innerHTML =
            // newCell0.appendChild(newText);
                                                                         //"<button onclick='removeRow(this);'>
             // Option 2
                                                                         //Remove</button>"
             newCell0.innerHTML = author.value;
             newCell1.innerHTML = project.value;
                                                                         // reset fields
            newCell2.innerHTML = cost.value;
                                                                         author.value = "";
            newCell2.setAttribute('class', 'cost');
                                                                         project.value = "";
                                                                         cost.value = "";
                                                                         sumProjects()
```

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We need to make a web page for generating of checkbox/radio buttons. The number of elements that need to be generated ins entered in a text field and type of element to generate is selected from a drop-down list.

Number of elements:	10
Type:	Checkbox ▼
	Add
00102	3 4 5 6 7 8 9

```
<div>
         <label>Number of elements:</label>
         <input type="number" id="number">
</div>
<div>
         <label>Type:</label>
         <select id="type">
                   <option value="Checkbox">Checkbox</option>
                   <option value="Radio">Radio</option>
         </select>
</div>
<div>
         <input type="button" value="Add" id="generate"</pre>
onclick="generateForm();">
</div>
<div id="container">
</div>
```

```
function generateForm() {
    let number = parseInt(document.getElementById('number').value);
    let kind = document.getElementById('type').value;

    let container = document.getElementById('container');
    container.innerHTML = "";

    for(let i=0; i<number; i++) {
        let element = document.createElement("input");
        element.setAttribute('type', kind);
        let text = document.createTextNode(i);
        container.appendChild(element);
        container.appendChild(text);
    }
}</pre>
```