

Problem 01. SoftUni Administration

Exam problems for the ["JavaScript Advanced" course @ SoftUni](https://judge.softuni.bg/Contests/Compete/Index/2590#0). Submit your solutions in the SoftUni Judge system at <https://judge.softuni.bg/Contests/Compete/Index/2590#0>

Use the **given skeleton** to solve this problem.

Note: USE THE GOOGLE CHROME BROWSER!

Note: You have **NO permission** to change directly the given HTML (*index.html file*).

| Trainings | Administration |
|--|---|
| ADVANCED-MODULE | Add New Lecture |
| Arrays - 2020/09/17 - 18:00 <input type="button" value="del"/> | Lecture name: <input type="text"/> |
| DOM - 2020/09/28 - 18:00 <input type="button" value="del"/> | Date: <input type="text" value="yyyy-mm-d"/> <input type="button" value="📅"/> |
| FUNDAMENTALS-MODULE | Module <input type="text" value="Select module..."/> <input type="button" value="v"/> |
| Arrays - 2020/09/30 - 18:30 <input type="button" value="del"/> | <input type="button" value="Add"/> |

Your Task

Write the missing JavaScript code to make the **SoftUni Administration Functionality** works as follows:

The **Module** field is a dropdown menu.

Administration

Add New Lecture

Lecture name:

Date:

Module:

Select module...

Basics

Fundamentals

Advanced

DB

Web

When the **Add** button is **clicked**, first you need to **validate the inputs**. If any of the input fields is **invalid (empty or default value)**, the function **doesn't** make anything. Be careful with the **validation of the Module dropdown** (it's default value is **NOT** an empty string).

After validating the input fields, you need to **add** the new **lecture** in the **Trainings** section.

The HTML structure after adding new lecture looks like this:

```
<section class="user-view section-view">
  <h1>Trainings</h1>
  <div class="modules">
    <div class="module"> == $0
      <h3>ADVANCED-MODULE</h3>
      <ul>
        <li class="flex">
          <h4>DOM - 2020/09/28 - 18:00</h4>
          <button class="red">Del</button>
        </li>
      </ul>
    </div>
  </div>
</section>
```

The added lecture should have **button** with text "**Del**". The **date** and the **lecture name** must be **formatted** as shown on the screenshots. Be careful with the **HTML-Structure** and with the **class names**!

Duplicated names of the lectures are allowed.

| Trainings | Administration |
|---|--|
| <div>ADVANCED-MODULE</div> <div>DOM - 2020/09/28 - 18:00 Del</div> | <div>Add New Lecture</div> <div>Lecture name: <input type="text"/></div> <div>Date: <input type="text" value="yyyy-mm-dd"/> </div> <div>Module: <input type="text" value="Select module..."/> </div> <div><input type="button" value="Add"/></div> |

If there is another Lecture with the same Module:

The lectures should be **sorted by DATE**! The date is separated with **slashes (/)** and the **separator** between the **date** and **time** is a **minus sign**.

Hint: The format of the date allows alphabetical sort.

Trainings

ADVANCED-MODULE

Arrays - 2020/09/17 - 18:00

Del

DOM - 2020/09/28 - 18:00

Del

Administration

Add New Lecture

Lecture name:

Date:

Module:

Add

Deleting Lecture/Module:

Trainings

ADVANCED-MODULE

Arrays - 2020/09/17 - 18:00

Del

DOM - 2020/09/28 - 18:00

Del

FUNDAMENTALS-MODULE

Arrays - 2020/09/30 - 18:30

Del

Administration

Add New Lecture

Lecture name:

Date:

Module:

Add

When the “Delete” button is clicked, the **Lecture (whole list element)** should be **removed** from the HTML.

```

<section class="user-view section-view">
  <h1>Trainings</h1>
  <div class="modules">
    <div class="module">
      <h3>ADVANCED-MODULE</h3>
      <ul>
        <li class="flex"> == $0
          <h4>Arrays - 2020/09/17 - 18:00</h4>
          <button class="red">Del</button>
        </li>
      </ul>
    </div>
    <div class="module">
      <h3>FUNDAMENTALS-MODULE</h3>
      <ul>...</ul>
    </div>
  </div>
</section>

```

If there are **NO** Lectures left in the module (after delete) the whole **module** should be **also deleted**.

Trainings

ADVANCED-MODULE

Arrays - 2020/09/17 - 18:00

Del

DOM - 2020/09/28 - 18:00

Del

FUNDAMENTALS-MODULE

Arrays - 2020/09/30 - 18:30

Del

Administration

Add New Lecture

Lecture name:

Date:

Module:

Add

```

<section class="user-view section-view">
  <h1>Trainings</h1>
  <div class="modules">
    <div class="module">...</div>
    <div class="module"> == $0
      <h2>FUNDAMENTALS-MODULE</h2>
      <ul>
        <li class="flex">
          <h4>Arrays - 2020/09/30 - 18:30</h4>
          <button class="red">Del</button>
        </li>
      </ul>
    </div>
  </div>
</section>

```

GOOD LUCK!