

# Challenge 14 - jQuery

For this week you have to create a budget calculator app. You already have all the files needed for this app. The HTML & CSS are done, just open the folder 'js' and write your code in the 'app.js' script. The app should work as shown in the video. Briefly, the app will contain 2 forms - one for the budget and one for the expenses.

- When you submit the budget form, it should update the **Budget field & the Balance field** at the same time.
- If you try to enter an empty value in the input, it should output a message saying: **Value cannot be empty or negative**. This message, should disappear when you **focus** the input again.
- The first input of the expenses form should be the **Expense title** & the second one should be the **Expense value**. When you submit the expenses form, it should update the **Expenses field & the Balance field** (depending on what the expense value is - it should be subtracted from the Balance value) at the same time.
- When you submit the expenses form, it should also create a **table** (on the first submit) below the Budget fields. The first row of the table should be the headings of the columns (the first one: **Expense title**, the second one: **Expense value**, and the third one empty.) In each row below the first one, there should be the submitted expenses.

- When you submit an expense (and there already is one), it should only create a row, containing the expenses title and value, and also in the 3rd row, there should be an **edit button** & a **delete button**.
- Clicking on the **delete** button, it should update the **Expenses field** & the **Balance field** at the same time, and also delete the row from the table (like shown in the video).
- Clicking on the **edit** button, should fill the input values with the values of the expense (the expense title & the expense value), delete the row where the expense was, and also update the **Expenses field** & the **Balance field** at the same time. If you submit the expenses form again (containing new values of the same expense) - it should create a row again with the new values and update the Expenses field & the Balance field again. (for those who want to go further, do not delete the row - instead only fill the input values with the expense values, and on submit just update the row with the newly submitted values, which will also update the **Expenses field** & the **Balance field**.)
- When you update the **Budget**, and you already have expenses, this will update all the fields on the top right.

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## Evaluation system:

**1 point** – Create the event listeners on the 2 forms & show the message when you enter an empty or negative value.

**3 points** – All of the above + update the **Expenses, Budget & Balance fields** (calculating in real numbers) on submit on the 2 forms, create the table below the fields on submit on the Expenses form.

**5 points** – All of the above + make the logic for the delete & edit buttons.

## Deadline:

**Two** weeks after its presentation, 23:59h end of the day.

## Hints:

- Use as many classes from the css as you can, for the buttons and everything else.
- The button icons are font-awesome.
- The full design should be as shown in the video, creating a table is **necessary**, otherwise you will not have all the points even though the logic is working.