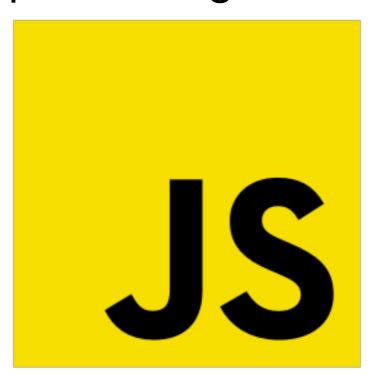
## Lesson - 20

Practicing Events and DOM Implementing Todo list



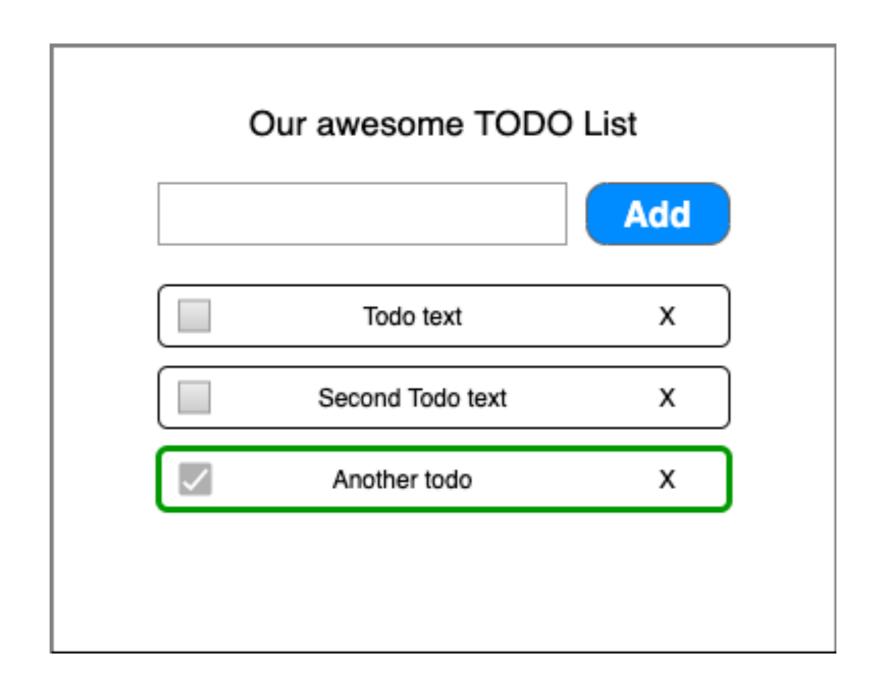
## Lesson Plan

- Discuss HW
- Simple Todo List implementation

# Todo Requirements

- Create a input field and with a button ADD that will allow you to create new todo item
- 2. Add remove functionality to item
- 3. Add a possibility of marking an todo item as completed (done)
- 4. \*Add a counter of characters for todo input value
- 5. \*Add a counter of total todo's items, place it at top of the list
- 6. \*Add a counter of completed todo's versus total todo's

#### Todo Mock



### What we will use

- 1. DOM Manipulations
  - 1. Create element
  - 2. Remove
  - 3. classList
  - 4. Closest
- 2. Events
  - 1. addEventListner
  - 2. Delegation pattern

# Learning Resources

- 1. Styles and Classes: <a href="https://javascript.info/styles-and-classes">https://javascript.info/styles-and-classes</a>
- 2. Intro to browser event <a href="https://javascript.info/introduction-browser-events">https://javascript.info/introduction-browser-events</a>
- 3. Bubbling and capture: <a href="https://javascript.info/bubbling-and-capturing">https://javascript.info/bubbling-and-capturing</a>
- 4. Event Delegation: <a href="https://javascript.info/event-delegation">https://javascript.info/event-delegation</a>

#### Home Work

1. Create a page, on which clicking on the button 'First', 'Second', 'Third', will change text on the page from 'Please click on any button' to 'You clicked First button', or 'You clicked Second button' и 'You clicked Third button'.

#### **Events home work**



Please click on any button

- 2. By clicking on the button, console log, the following information: tagName, event phase (example bubbling)
- 3. Advanced: Use event delegation principle