DOM – Lab 1: Ready, Set, Action!

Assigned: 10/31/22

Due: 11/02/22

Completed: 11/02/22

<https://lms.grandcircus.co/mod/assign/view.php?id=22751>

<https://docs.google.com/document/d/1OzoM7-z0CYefCfm8_Atr_ju2ZUYMS3YMlJQP7v2DUVw/preview>

<https://github.com/clintmsmith/GrandCircusLabs/tree/main/ReadySetAction>

Use the HTML provided and link it to the JavaScript file. Create a function named “main”. The HTML is already set up to call this function when the “Action!!!” button is clicked.

Within the main function:

1. Add the "big" class to the "grow-me" paragraph.
2. Remove the "big" class from the "shrink-me" paragraph.
3. Find all the <li>s and log their text content to the console.
4. Set the href of the link to "https://www.example.com" and update the text to say "somewhere" instead of "nowhere".
5. Set the "display" CSS property of the "hide-me" paragraph to "none".
6. Set the "display" CSS property of the "show-me" paragraph to "block".
7. Get the text that the user enters into the "name" input box and use it to set a welcome message in the <h1>, e.g., "Welcome Grant!".

Test it by clicking the Action!!! button.

**HTML provided, linked to JavaScript file:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Ready, Set, Action!</title>

</head>

<body>

    <h1>Welcome \_\_\_\_\_\_\_</h1>

<p>

    <label for="name">Your name: </label>

    <input id="name" placeholder="Enter your name" />

    <button onclick="main()">Action!!!</button>

</p>

<p id="hide-me">I will be hidden.</p>

<p id="show-me" style="display: none;">I will be shown.</p>

<p id="grow-me">I will grow.</p>

<p id="shrink-me" class="big">I will shrink.</p>

<p>

    A link to <a class="link" href="broken-link">nowhere</a>.

</p>

<ol>

    <li>Document</li>

    <li>Object</li>

    <li>Model</li>

</ol>

<style>

    .big {

        font-size: 300%;

    }

    p {

        transition: all 400ms;

    }

    #hide-me, #show-me {

        border: 4px solid crimson;

        border-radius: 8px;

        padding: 4px 8px;

        width: 10em;

    }

    #show-me {

        border-color: green;

        margin-left: 11em;

    }

</style>

<script src ="./ReadySetAction.js"></script>

</body>

</html>

**JavaScript**

let clickButton = document.querySelector("button");

clickButton.addEventListener('click', main);

function main(){

    // Item 1

    let growMe = document.querySelector("#grow-me");

        growMe.classList.add("big");

    // Item 2

    let shrinkMe = document.querySelector("#shrink-me");

        shrinkMe.classList.remove("big");

    // Item 3

    let listMe = document.querySelectorAll('li');

         listMe.forEach(item => {console.log(item.textContent);});

    // Item 4

    let linkMe = document.querySelector(".link");

        linkMe.getAttribute("href");

        linkMe.setAttribute("href", "https://www.example.com");

        linkMe.textContent = "somehwere";

    // Item 5

    let hideMe = document.querySelector("#hide-me");

        hideMe.style.display = "none";

    // Item 6

    let showMe = document.querySelector("#show-me");

        showMe.style.display = "block";

    // Item 7

    let nameMe = document.getElementById('name').value;

    let welcomeMe = document.querySelector('h1');

    welcomeMe.textContent = `Welcome ${nameMe}`;

}