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>

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** written to try and meet the requirements.

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);});

    // 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 userName = document.getElementById('#name');

    let welcomeMe = document.getElementsByTagName("h1");

        console.log(`${welcomeMe} ${userName}`);

}

* Didn’t quite get Item 4 to work how I would like. It logs the li tags and then you can expand them to see the text. Jonathan’s just logged in the inside text. Also, not sure why it is doubling the output.
* Ran out of time to get to Item 7 and so that doesn’t really work