

DOM EXERCISE 1

Skills: DOM, event handlers

Start with this HTML...

```
<h1>Welcome _____</h1>
<p>
  <input id="name" placeholder="Enter you 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>
```



Create and link a 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:

- Add the "big" class to the "grow-me" paragraph.
- Remove the "big" class to the "shrink-me" paragraph.
- Find all the s and log their text content to the console.
- Set the href of the link to "https://www.example.com" and update the text to say "somewhere" instead of "nowhere".
- Set the "display" CSS property of the "hide-me" paragraph to "none".
- Set the "display" CSS property of the "show-me" paragraph to "block".
- 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., "Hello Grant!".

Test it by clicking the Action!!! button.

