

Part One

In this exercise, you'll write some jQuery statements to perform some DOM manipulation

[Download code](#)

Complete the following steps in the following file:

index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Document</title>
  <link rel="stylesheet" href="https://unpkg.com/bootstrap/dist/css/bootstrap.css">
  <style>

    img {
      max-width: 70%;
    }

    .image-center {
      display: block;
      margin: 10px auto;
    }

  </style>
</head>

<body>
<div class="container">
  <h1 id="title" class="text-center">Welcome to my website.</h1>
  <div class="row">
    <article class="col-sm-8">
      <p>My website is very important because I have many important things to say. Here is a picture of a puppy in a cup: </p>
      
      <p>Here are some more thoughts: Lorem ipsum dolor sit amet, consectetur adipisicing elit. Cum harum labore veritatis, possimus facilis quas repellat, explicabo, ad commodi ipsum quidem nostrum earum pariatur fugit! Magni sunt nulla impedit! Facilis.</p>
      <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit. Eius, natus qui nostrum libero atque hic distinctio sint facilis nihil possimus tenetur deserunt rerum laboriosam cum quisum doloremque ducimus error.</p>
      <p>Rerum debitis aspernatur, ipsum animi! Quis ullam dolore blanditiis accusantium eius minus tempore, iure maxime similique vel! Possimus reprehenderit autem, recusandae quos laudantium nesciunt libero suscipit officia rerum, et.</p>
      <p>Aliquam harum at soluta id esse perspiciatis, nesciunt corporis nostrum commodi, dolorum, repellat possimus a cumque. Id sed explicabo, quaerat sit esse facere, voluptatem, odit nesciunt eveniet assumenda, error!</p>
      <p>Consequuntur porro, nobis placeat, labore magni aliquam repellendus consequatur hic facere, molestiae dolorum suscipit quos sint, minima Quibusdam voluptatem est hic, corporis. Officiis delectus, consectetur harum reiciendis perferendis.</p>
    </article>
    <aside class="col-sm-4">
      <h4>I love lists. Here's why.</h4>
      <ol>
        <li>Sometimes they're numbered, and numbers are great.</li>
        <li>Sometimes they're not, and that's okay too.</li>
        <li>I don't have the attention span to read paragraphs.</li>
        <li>Hey look, there's a puppy!</li>
      </ol>
    </aside>
  </div>
  <div class="row mb-5">
    <div class="col-sm-4">
      Red
      <input class="form-control" type="number" min="0" max="255" value="255">
    </div>
    <div class="col-sm-4">
      Blue
      <input class="form-control" type="number" min="0" max="255" value="255">
    </div>
    <div class="col-sm-4">
      Green
      <input class="form-control" type="number" min="0" max="255" value="255">
    </div>
  </div>
</div>
<script src="https://code.jquery.com/jquery-3.3.1.js"></script>
<script>
  // Add your code here!
</script>
</body>

</html>
```

1. When the DOM is ready, console.log the message “Let’s get ready to party with jQuery!”
2. Give all images inside of an article tag the class of image-center (this class is defined inside of the style tag in the head).
3. Remove the last paragraph in the article.
4. Set the font size of the title to be a random pixel size from 0 to 100.
5. Add an item to the list; it can say whatever you want.
6. Scratch that; the list is silly. Empty the aside and put a paragraph in it apologizing for the list’s existence.
7. When you change the numbers in the three inputs on the bottom, the background color of the body should change to match whatever the three values in the inputs are.
8. Add an event listener so that when you click on the image, it is removed from the DOM.

Part Two - Movies App!

Build an application that uses jQuery to do the following:

- Contains a form with two inputs for a title and rating along with a button to submit the form.
- When the form is submitted, capture the values for each of the inputs and append them to the DOM along with a button to remove each title and rating from the DOM.
- When the button to remove is clicked, remove each title and rating from the DOM.

Further Study

- Ensure that the rating of a movie can only be between 0 and 10.
- Ensure that a title has at least 2 characters in it.
- Allow users to sort alphabetically by the title of the movie or by the rating of the movie from lowest to highest and vice versa.

Solution

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