

## Make Me Your Selection

### Discussion:

jQuery offers an easier and more effective way of writing JavaScript in our HTML programs. What makes jQuery so powerful is its ability to **select** a wide range of elements at once, and manipulate them all in the same line of code. jQuery selects elements using `$("#element")`, where `element` represents a specific attribute that we would like to select for. All elements that fit that criteria will be selected, and represented by the selector:

```
var selectedElements = $("#div");
```

In this case, the variable `selectedElements` will store all `div` elements that appear in an HTML file. `selectedElements` can now be used to alter the value of all `div` elements:

```
selectedElements.css("background-color", "blue");
```

### Exercise:

Use this webpage to select different elements using jQuery. Write the **selector** that will correctly select all elements that fit the condition.

```
<!DOCTYPE html>
<html>
  <body>
    <div id = "container">
      <h2 class = "important">My List of Favorite Things</h2>
    </div>
    <ul>
      <li class = "important">Movies</li>
      <li>Plants</li>
      <li src = "hello.jpg">Family</li>
      <li>Friends</li>
      <li>My Cat:
        <img src = "kitten.jpg">
      </li>
    </ul>
  </body>
</html>
```

1. Select the element with id "container": \_\_\_\_\_
2. Select all `<li>` tags: \_\_\_\_\_
3. Select all "important" class elements: \_\_\_\_\_
4. Select all elements with the "src" attribute: \_\_\_\_\_

The [jQuery library](#) is full of useful functions that can help us style and manipulate elements. Functions can be called on selected elements using the .notation:

```
$("#div").css("background-color", "blue");
```

With the selectors you created above, use jQuery to change the following element attributes:

1. Change all <li> tags to the color red.

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2. Add a click event to the image that calls the function makeGrow().

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3. Append a new <li> to the <ul> tag.

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4. Change the class "important" to a bold font.

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5. Remove all content from the id container. Use the jQuery documentation to figure out the answer to this!

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