

ISTE240

Exercise - 05

JavaScript – Part 2

DUE Check MyCourses

Objective: By completing this exercise you will gain experience using JavaScript functions that manipulate elements in the Document Object Model.

Directions: Modify your HTML and JavaScript files from Exercise 4 so that they do the following:

Exercise 5a. Move Text: Each time the user clicks the “Move the Text” button, the text “I Move” moves 10 pixels to the right.

JavaScript Exercise 5a

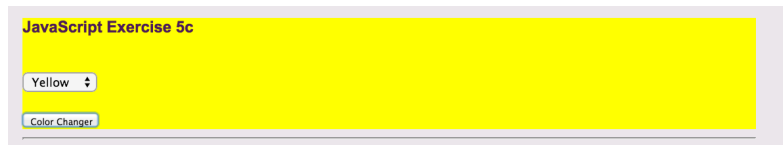
I Move

Move the Text

Exercise 5b. Count element by type: Create the html form element shown in the code below. Then write the JavaScript code for the function ‘howmany()’ so that it counts how many total input elements are in the form, and how many input elements of type ‘text’ are in the form. Print these counts in an alert(). HINT: use the ‘getElementsByName’ function.

```
<!-- Exercise 5b -->
<div>
  <p class="exerTitle">JavaScript Exercise 5b </p>
  <form id="regForm">
    <input type="text" id="fname" placeholder = "boo"><br>
    <input type="text" id="lname" placeholder = "Radley"><br>
    <input type="checkbox" id="dog">I have a dog. (Check if you
do)<br>
    <input type="text" id="major" placeholder = "major"><br>
    <input type="button" onclick="howmany();" value="Count of
inputs">
  </form>
</div>
<hr>
```

Exercise 5c. Change the name of the function on the 'onclick' event to 'colorchanger()'.. then code the colorchanger function to change the background color of the div in which your HTML for this exercise resides to the color selected from the options.



For example, in the image above, I chose 'yellow' and when I clicked the button the background of the div for this exercise turns yellow.

Exercise 5d. When the user rolls the mouse over the text it changes to the color of the selected option in exercise 5c.

Exercise 5e. Change out the innerHTML by creating a Text Node instead.

As always: Zip the EX05.html, EX05.js, and EX05.css files together and call the zip file EX05.zip.

Grading Rubric for Exercise 5 – JavaScript Part 2

All HTML in a file named EX05.html	2
All JavaScript in a file named EX05.js	2
All Style in a file named EX05.css	2
Function 5a works	2
Function 5b works	2
Function 5c works	2
Function 5d works	2
Function 5e works	2
HTML Validates	2
Comments in all three files	2
Total	20