

Javascript Specialist Designation Program

Lab Exercise #7

Are you sure you'd like to continue? Click here for yes. Let's practice Javascript dialogs!

Lab Instructions

1) Run your Brackets development environment, create a new file and quickly save it under the file name **seventh_javascript_lab.html**

2) Key in the basic HTML document structure and set **Lab #7** as the content for the title tag.

3) In the body of the HTML document add a heading 1 tag with the content, "Confirm Dialog".

Under the H1 tag, add a button tag with an id of "confirmButton" and a message, "Try it".

Lastly, let's add an empty paragraph tag and give it an id of "text".

Your code should look something like this:

```
<h1>Confirm Dialog</h1>

<button id='confirmButton'>Try
it</button>

<p id='text'></p>
```

4) Let's add some Javascript.

For best practice, we will go ahead and create a separate Javascript file and quickly save it as **main.js**.

5) Create a script tag right above the body tag and link it to the Javascript file.

```
<script src="main.js"></script>
```

6) Open your **main.js** file and create the window.onload function.

Inside the onload function, let's write a function which will search for an element with the id "confirmButton". The event listener will call a function named "runConfirm".

```
window.onload = function() {
  document.getElementById('confirmButton').
  addEventListener('click', runConfirm)
}
```

7) The "runConfirm" function has not been written yet, so let's go ahead and create it.

Inside the function, declare a variable and call it "message". We won't be initializing it just yet.

After, we are going to write an if/else statement. The if statement will run a confirm dialog and, if the response is true, it will initialize "message" with the quote, "You pressed OK!". Else, "message" will equal, "You pressed cancel."

Grab the document and search for an element with the id "text" then assign its innerHTML to the variable "message".

Your code should look something like this:

```
function runConfirm() {
  var message;
  if (confirm("Press a button!") == true)
  {
    message = "You pressed OK!";
  } else {
    message = "You pressed Cancel!";
  }

  document.getElementById("text").innerHTML
  = message;
}
```

8) Click File Save to save the current version of your document. Navigate to the HTML document using your operating system and double click it. The document should open in your default browser.

Click the "Try it" button and answer!

Challenge Yourself

Enhance your skills by attempting the exercises below.

1) Display a prompt box which asks the user for her/his name, and output a message with the user's name.

2) Put your site on the web. We've arranged a special deal with Blue Host. Visit <http://www.bluehost.com/track/learntoprogram/> and click "Get Stated Now." You will be able to access web hosting plans as low as \$3.49 a month. Once Blue Host takes you through the process of creating your domain and web server upload your lab and post the URL for the others in the class to see.