

## 8- Handling Forms

For this supplemental, there are additional files included to work with.

### 1. GETTING STARTED

- Create a new JavaScript file and attach it to the included *8-forms-phone.html* file.
- Setup a listener for the window load event, and a function to handle that event.
- Capture the confirmation message `<div>` from the html page and hold it in a variable.

### 2. GET THE FORM

- Capture the `<form>` element and hold it in a variable.
- Create a listener and a function that will be called when the form is submitted.

### 3. SHOW & HIDE

- Inside this new function, hide the form and show the output message.
- After that, add code that will keep this form from submitting.
- Test this to make sure your form disappears and your message appears when the form is submitted.

### 4. GET THE FORM FIELDS

FROM NOW ON, ALL CODE WILL BE ABOVE THE CODE FROM #3 IN THE SUBMIT FUNCTION

- Create variables and capture the individual form fields.

### 5. GET THE OUTPUT SPANS

- Create variables and capture the individual `<span>` elements from the confirmation message `<div>`.

### 6. SEND A MESSAGE

- Create your confirmation message by replacing NAME and PHONE with the values from the input.
- Test this to make sure the input from the name and phone boxes appears in your confirmation message.

### 7. DATA VALIDATION - NAME

- Add the logic to check the name field and make sure it isn't empty. If it's empty, make the background red, put the focus there, and stop the form from submitting. If it isn't empty, make the background white.
- Test this to make sure it works as expected.

### 8. DATA VALIDATION - PHONE

- Add the logic to check the phone field and make sure it matches the pattern of a phone number (10 digits). If it does, make the background white. If it doesn't, make the background red, put the focus there, and stop the form from submitting.
- Test this to make sure it works as expected.

### EXTRA CHALLENGE

Change the output message (see the `msg_time <span>`) based on whether the users checks the box or not.

*My answers are in the included JavaScript file (8-forms-phone.js).*