



MIS3690 WEB TECHNOLOGIES

BABSON COLLEGE
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VALIDATING FORM INPUTS IN JAVASCRIPT



VALIDATING FORM INPUTS

- How do I access a specific form element?
- How do I get the value inside?
- How do I get to see if the value is empty or blank?
- How do I get to see if the value is a non-numerical value?
- How can I put a value into a form field?

FORM INPUT VALIDATION (TEXT BOX)

- We get the strings to the form and then use the “**name**” attribute of elements to access them.

- E.g., assume there is a form with the opening tag:

```
<form id = "someForm" action=""...>
```

```
let myForm = document.getElementById("someForm");
```

- Gets us the strings to the FORM and stores it in this variable

Your Name: `<input type="text" name="userName" maxlength="30"/>`

- There is a field in this form which captures the user's name

- `myForm.userName.value`

- gets the value typed into this field

```
myForm.userName.value.length
```

- gets the number of characters typed in this field.

FORM INPUT VALIDATION (TEXT AREA)

- Assuming there is a text area defined in this form as:

```
Enter your comments below: <br/>  
<textarea name ="comments"></textarea>
```

- `myForm.comments.value`

- gets us the content that the user types in this text area.
- Remember: you can use `.value` to both GET the value typed in and to PUT values into that field (both `textarea` and `textbox`).

FORM INPUT VALIDATION (DROPDOWN)

- Assuming there is a drop down defined in this form as:

Select the browsers you like:

```
<select name="browsers">  
  <option value = "Chrome"> Chrome </option>  
  <option value = "Safari"> Safari </option>  
</select>
```

- `myForm.browsers.value`

- gets the value of the option that the user has selected.

A NEW EVENT – ONCHANGE

- **onchange** event
 - Used with drop-down menus in forms
 - Will be triggered when the user selects a different (or new) value from the list

USE CSI4-INCLASS-2

- Build a simple calculator without any validation.