SOEN 287

Tutorial 10 - AJAX

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HTML For AJAX

```
<form>
One: <input type="text" id="one"><br>
Two: <input type="text" id="two"><br>
</form>
<button onclick="validate()">Submit</button>
<div id="result"></div>
```

- Use a button element instead of a form's input submit element to initiate the validation by AJAX

JavaScript For AJAX

```
<script>
function validate() {
    var xmlhttp = new XMLHttpRequest();
    xmlhttp.onreadystatechange = function() {
        if (xmlhttp.readyState == 4 && xmlhttp.status == 200)
            document.getElementById('result').innerHTML = xmlhttp.responseText;
    }
    var one = document.getElementById('one').value;
    var two = document.getElementById('two').value;
    xmlhttp.open("POST","ajax.php", true);
    xmlhttp.setRequestHeader("Content-type","application/x-www-form-urlencoded");
    xmlhttp.send("one=" + one + "&two=" + two);
}
</script>
```

PHP For AJAX

```php
<?php
// ajax.php

$one = $_POST['one'];
$two = $_POST['two'];

$isCorrect = $one == '1' && $two == '2';
echo $isCorrect ? 'Validation successful!' :
'Invalid data!';
?>
```

- Use the echo function to return the response to the client-side JavaScript