<u>**Objective**</u>: The objective of this exercise is to:
1. Continue working with JavaScript
2. Learn and implement form validation using HTML5 and JavaScript

<u>**Submit**</u>: screenshots, your html files and a link to your web pages

You **may** discuss this with your fellow students or the instructor.

Part #1: Validation Tutorial
Estimated time: 30 minutes

Exercise: review slides
- 16-23 – HTML5 validation
- 35-36 JavaScript validation

Part #2: Validation using HTML5 Only
Estimated time: 30 minutes
Exercise:

- All work will be done in ~/public_html/cse383/lab8
- Create a file call called index1.html
- Create a web form (no action and target must be a blank page)
- Fields (make sure all fields have valid type, id and name)
    o Name (text: at least 2 characters)
    o Uid (text: one word only)
    o MobilDevices (number: values from 1-10 (not a dropdown))
    o quoteCite (text: must contain only a-zA-Z0-9 and . , - ' " / : (in other words a URL))
- Submit button
    o If anything is incorrect – it should stop and let the user know

Part #3: Validation using JavaScript (no HTML5)
Estimated time: 15 minutes
Exercise:

- All work will be done in ~/public_html/cse383/lab8
- Create a file call called index2.html
- Create a web form (no action and target must be a blank page)

- Fields (make sure all fields have valid type, id and name)
  - Name (text: two words)
    - Verify that the text field has a valid name (firstname lastname)
    - two names (a-zA-Z) with a single space in between
    - if invalid, display a message after the text field is entered, or when the form is submitted.
- Submit button
  - If anything is incorrect – it should stop and let the user know

SUBMIT:

- Screenshot
  - Index1.html (HTML5 validation) (showing it stopping something with the error message displayed)
  - Index2.html (javascript validation) (showing it stopping something with the error message display)
- File
  - Attach index1.html
  - Attach index2.html
- Link
  - Add the link to the web pages in the text area