**Day 4 Lab Assignments**

* Complete one of the 2 websites in previous lab:
* Design your online CV using this template (**optional**, if you can start with the next assignment): <http://www.w3schools.com/w3css/tryw3css_templates_cv.htm>
* Complete the design a social media website using this template: <http://www.w3schools.com/w3css/tryw3css_templates_social.htm>
* Use collapsible navbar in Assignment No.1.
* Implement bootstrap modal for login form, and make with backdrop (Back screen overlay), and to not be closed when click on any part on the screen.
* When user press login, display: (Welcome + his entered usre name) in the navbar.
* Implement bootstrap Carousel in the social website assignment in previous lab (in the header).
* Implement BS alert with form validation (appears when the input is valid and disappears when it’s valid).
* Implement registration form using BS form validations.
* Make a simple single page home page design and use Bootstrap scrollspy (you can try them in the first bonus assignment).
* Use BS icons in your page.

**Bonus:**

* Use Bootstrap SASS variables to change the default bootstrap grid columns count from 12 to 16.
* What’s BEM? Explain using Demo.
* What’s Material design? Explain using Demo.
* What are front-end build tools (GULP, Webpack,…)? Explain using demo.
* Implement as you can from the following templates:
* <https://www.w3schools.com/bootstrap/trybs_theme_company_full.htm>
* <http://www.w3schools.com/w3css/tryw3css_templates_analytics.htm>
* <http://www.w3schools.com/w3css/tryw3css_templates_apartment_rental.htm>
* <http://www.w3schools.com/w3css/tryw3css_templates_dark_portfolio.htm>
* <http://www.w3schools.com/w3css/tryw3css_templates_clothing_store.htm>
* <http://www.w3schools.com/w3css/tryw3css_templates_bw_portfolio.htm>
* Try other responsive frameworks (Foundation, Skelton, W3CSS,…), and compare it with Bootstrap.
* Try Other CSS pre-processor (like: Less) and compare it to SASS.

**<Thank>YOU </Thank>**