

### Mandatory Exercise – 3

---

1. Copy/use Form-validation.html.
  - a. Change file name to profile.html
  - b. Update <h1> tag value from “Form Validation” to “Profile”.
  - c. Change Submit button to “Update”.
2. Create a class called ‘Profile’ that has three methods: (a) setProfile(n, a, e, t); which takes four parameters and assign the values to local variables *i. Name, ii. Age, iii. Email, iv. Telephone number*, and calls the saveProfile() method, (b) getProfile() which reads the local stored data if it exists and display the profile values in the respective fields on the profile page. (c) saveProfile() stores the profile data to Local Storage.
3. Update function validateForm() such that:
  - a. Name cannot be less than 3 characters.
  - b. Age should be between 12 and 95.
  - c. Email is a valid @ntnu.no address.
  - d. Number cannot be more than 7 digits.
  - e. Make sure none of the fields are empty.
4. Create an object “myProfile” of type ‘Profile’ class in a function called ‘UpdateProfile’. Add following functionality in this function:
  - a. Validate the fields.
  - b. setProfile() only when the fields are validated.

This function “UpdateProfile” is called when a user presses the Update button (1.c).
5. Create a function called ‘displayProfile()’ that calls the getProfile() method. Invoke ‘displayProfile()’ on page load so that whenever profile.html page is launched, if the data is locally stored, the form is populated with the stored data.