ITCS212 - Web Programming Lab 2: HTML (Part II)

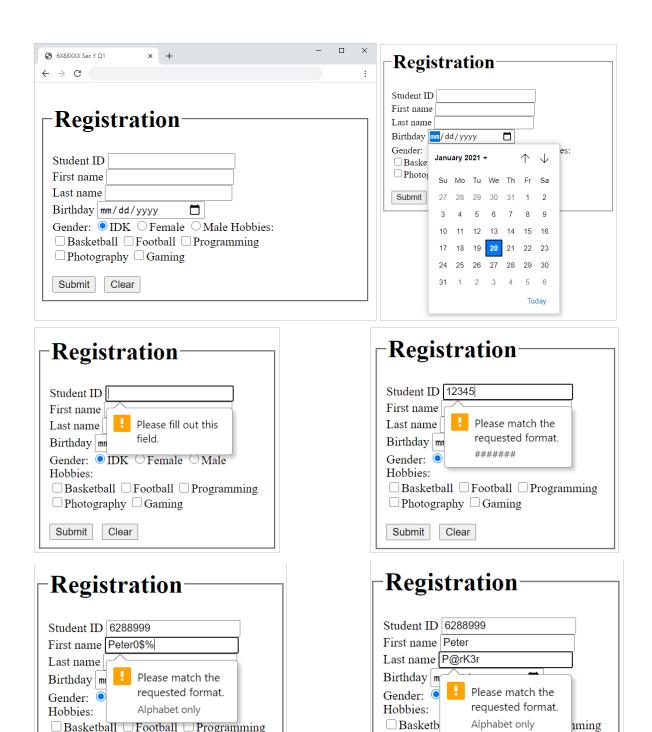
MUST READ:

- There are 2 questions in this exercise (Q1 and Q2). Only Q1 must be submitted on MyCourses following the naming convention
- Q1 must be submitted by today's class time by the end of class time. (BKK time). You must notify LAs via the SOS sheet to grade your work
- Q2 is for extra practice
- The SOS sheet will be opened by the instructor or LA (approximately the beginning
 of the lab). The student who wants to submit or ask questions shall put their name
 on the list. Do not put your name for reservation ahead of time.
- The SOS sheet are here: [sec1][sec2][sec3]
- No late submission allowed

Q1: Write HTML code to generate the form consisting of the following elements.

- The form must have the fieldset with the legend "Registration" sized <h1>
- Text field: Student ID, First name, and Last name
- Date picker: Birthday
- Radio buttons: Gender IDK (Default Value), Female, and Male
- Checkboxes: Hobbies Basketball, Football, Programming, Photography and Gaming
- Submit and Clear buttons.
- **Hint**: use the correct type of button
- The form must provide the following validation:
 - The required inputs are student ID, first name, and birthday
 - Student ID must follow the format of ####### where # is a digit number between 0-9
 - Firstname and lastname must be only alphabet letters (i.e. lowercase or uppercase)
 - The date picker of birthday must start from January 1, 2000 [Hint]

The example of the screenshots (zoom-in for clarification) are:



☐ Photography ☐ Gaming

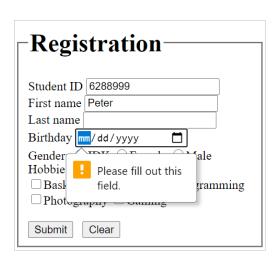
Clear

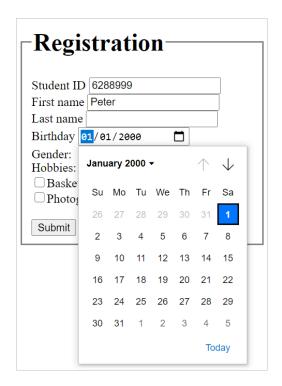
Submit

☐ Photography ☐ Gaming

Clear

Submit





<u>Submit your HTML file</u>, named as <u>6X88XXX_secY_q1.html</u>, by class's time; where 6X88XXX is your Mahidol student ID and secY is your section. <u>Note</u>: <u>you must notify LAs</u> <u>via the SOS</u> sheet to grade your work before submitting it to MyCourses

Q2-Extra: Download **q2.zip** from MyCourses. After extracting the zipped file, there will be one HTML file and the "Images" folder. The given HTML page **does not** apply the semantic elements (i.e., it uses <div> to indicate the portion of the page). For example,

Your job is to <u>understand the structure of the page and modify the given HTML page to</u> <u>use the following semantic elements</u> (i.e., instead of using <div>, you use the tags that have more meanings to the browsers and to yourself as a developer)

- <header>
- <footer>
- <nav>
- < <section> or <article>
- <figure> and <figcaption>

Note: you can also use the other semantic elements found in here if you found it is more appropriate. Do not forget to put your name, section, and ID in the <title> tag and also in the footer content of the page.