

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**
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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:

6X88XXX Sec Y Q1

Registration

Student ID
First name
Last name
Birthday
Gender: ☒ IDK ☐ Female ☐ Male Hobbies:
☐ Basketball ☐ Football ☐ Programming
☐ Photography ☐ Gaming

Registration

Student ID
First name
Last name
Birthday
Gender: ☐ Basketball ☐ Photography

January 2021

↑
↓

Su	Mo	Tu	We	Th	Fr	Sa
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6

Today

Registration

Student ID
First name
Last name
Birthday
Gender: ☒ IDK ☐ Female ☐ Male Hobbies:
☐ Basketball ☐ Football ☐ Programming
☐ Photography ☐ Gaming

Please fill out this field.

Registration

Student ID
First name
Last name
Birthday
Gender: ☒ IDK
Hobbies:
☐ Basketball ☐ Football ☐ Programming
☐ Photography ☐ Gaming

Please match the requested format.
#####

Registration

Student ID
First name
Last name
Birthday
Gender: ☒ IDK
Hobbies:
☐ Basketball ☐ Football ☐ Programming
☐ Photography ☐ Gaming

Please match the requested format.
Alphabet only

Registration

Student ID
First name
Last name
Birthday
Gender: ☒ IDK
Hobbies:
☐ Basketball ☐ Photography ☐ Gaming

Please match the requested format.
Alphabet only

Registration

Student ID

First name

Last name

Birthday

Gender: ☐ Male ☐ Female

Hobbies:

☐ Basketball ☐ Programming

☐ Photography ☐ Gaming

Registration

Student ID

First name

Last name

Birthday

Gender: ☐ Male ☐ Female

Hobbies:

☐ Basketball ☐ Programming

☐ Photography ☐ Gaming

January 2000

Su	Mo	Tu	We	Th	Fr	Sa
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

Today

Submit your HTML file, named as **6X88XXX_secY_q1.html**, by class's time; where 6X88XXX is your Mahidol student ID and secY is your section. **Note: you must notify LAs via the SOS 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,

```
<div class="header" id="top">
    <h1>Fundamentals of Web Programming</h1>
</div>
```

Your job is to **understand the structure of the page and modify the given HTML page to use the following semantic elements** (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.