WEB PROGRAMMING AND APPLICATIONS

(503073)

LAB 1

Prepared by Mai Van Manh

Objective: The goal of this week's exercises is to create simple web pages using common html elements like tables, lists, forms, ...Inline-CSS code may also be covered in these exercises in order to improve the look and feel of the UI.

1. HTML TABLE

STUDENT SCHEDULE

DAY/PERIOD	I	II	LUNCH	III	IV
MONDAY	Math	Physics			
TUESDAY	LAB				
WEDNESDAY	History	Music		SEMINAR	
THURSDAY	Physical Education	Swimming		Chemistry	Biology
FRIDAY	LAB			Geography	Informatics
SATURDAY	Math	Physics		LAB	
SUNDAY					Homework

Requirements:

1. All text contents are center aligned in every cell, both vertically and horizontally.
2. The merged cells are filled with a background color.

2. LOGIN FORM

The form need to submit its information to https://web-503073.herokuapp.com/lab01/login.php using HTTP POST method. The server expects to receive an *x-www-form-urlencoded* body containing two keys: email and password.
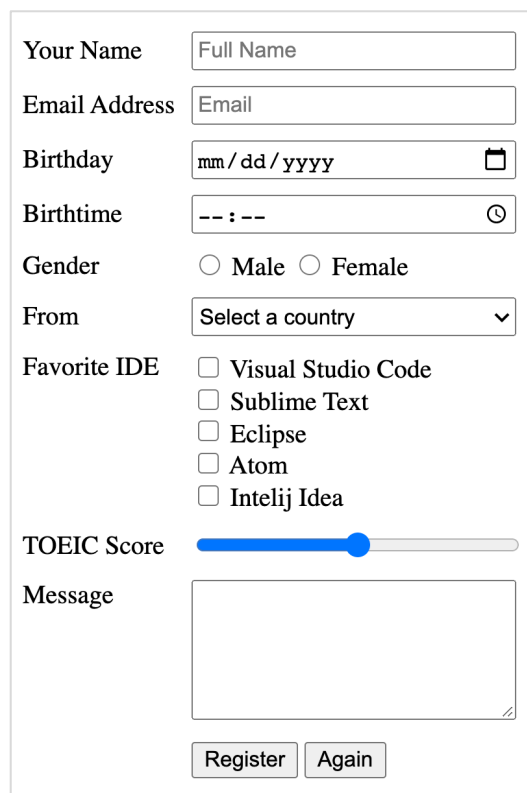
Requirements:

1. Form elements should be placed inside a hidden table element.
2. Remove underlines from all hyperlinks (<a> elements).
3. Password is the required field.
4. If a valid email address is not entered, the form should not be submitted (HTML5 feature).
5. Try to fix all the error messages outputted by the server until you get this success message.
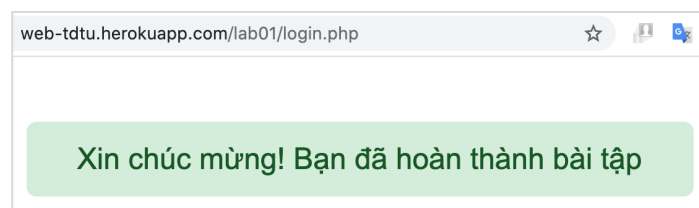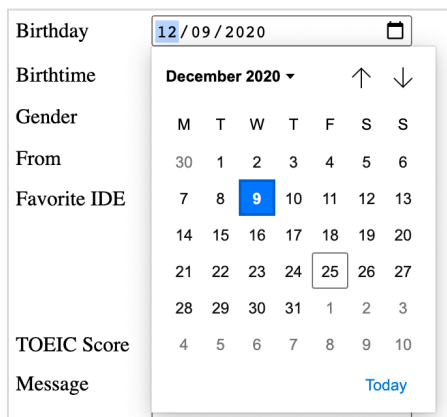
3. REGISTER FORM

Requirements:

1. All form control elements should be left aligned.

2. For "Gender" field, only one option can be selected at a time.

3. For "Favorite IDE" and "Message" fields, their labels should be placed on top of the section.

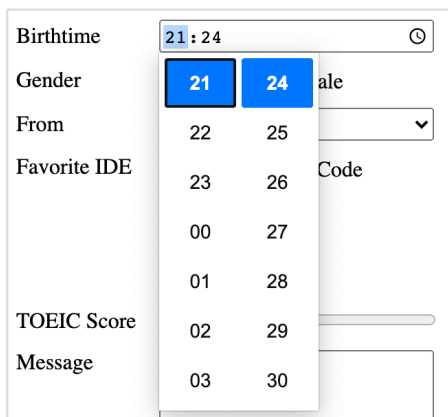4. If Again button is clicked, all input element values will be restored to their default value.

The form must submit its information to https://web-503073.herokuapp.com/lab01/register.php using HTML POST method. The server expects to receive an *x-www-form-urlencoded* body containing the following keys: name, email, birthday, birthtime, gender, country, favorite_ide, toeic, message.
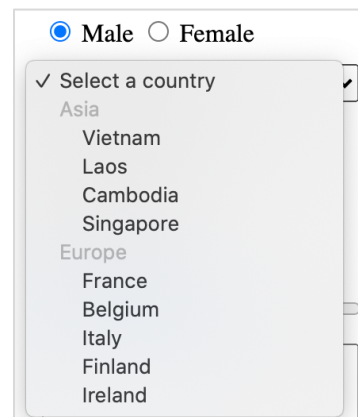
- For gender field: its value must be either 'male' or 'female'.

- For toeic field: the maximum value is 990, minimum value is 5 and each step would increase or decrease the value by a factor of 5.
- Try to fix all the error messages outputted by server until you get a result similar to this screen:

Họ tên	**Mai Van Manh**
Email	**mvmanh@gmail.com**
Ngày sinh	**2020-12-12**
Giờ sinh	**11:45**
Giới tính	**male**
Quốc gia	**Vietnam**
IDE Yêu thích **Hãy đảm bảo rằng các IDE bạn chọn đã hiển thị đủ**	**Visual Studio Code** **Sublime Text** **Eclipse** **Atom** **Intelij Idea**
Điểm TOEIC	**990**
Giới thiệu bản thân	**Hello**

4. ABOUT PAGE

About us page

Some text about who we are and what we do.
Resize the browser window to see that this page is responsive by the way.

Our Team

Jane Doe

CEO & Founder

Some text that describes me lorem ipsum ipsum lorem.

Specializes in

- Javascript
- C/C++
- Java

Contact

Johnny Depp

Product Owner

Some text that describes me lorem ipsum ipsum lorem.

Specializes in

a. Objective C
b. Swift
c. C/C++

Contact

Luke Evans

Team Leader

Some text that describes me lorem ipsum ipsum lorem.

Specializes in

- C#
- Visual Basic
- Typescript

Contact

The images should be responsive: their size will be increased automatically when we increase browser size (and vice versa).