

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 html tables, form elements, and other elements. A little bit of CSS code can be used to help web pages look better.

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. Text content is center aligned in all cells, both vertically and horizontally.
2. The merged cells are filled with a background color.

2. LOGIN FORM

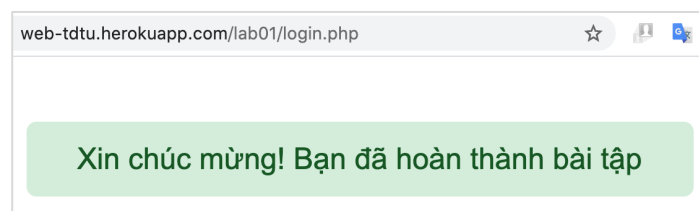
Email	<input type="text" value="email@domain.com"/>
Password	<input type="password" value="....."/>
Remember me	<input type="checkbox"/>
	<input type="button" value="Login"/>
Not registered? Creat an account	
For got your password? Click here to reset	

Email	<input type="text" value="email@domain.com"/>
Password	<div><input type="password" value="....."/><div>Please fill out this field.</div></div>
Remember me	<input type="checkbox"/>
	<input type="button" value="Login"/>
Not registered? Creat an account	
For got your password? Click here to reset	

The form must submit its information to <http://web-tdtu.herokuapp.com/lab01/login.php> using **POST** method. The server expects to receive an *x-www-form-urlencoded* body with two keys: **email** and **password**.

Requirements:

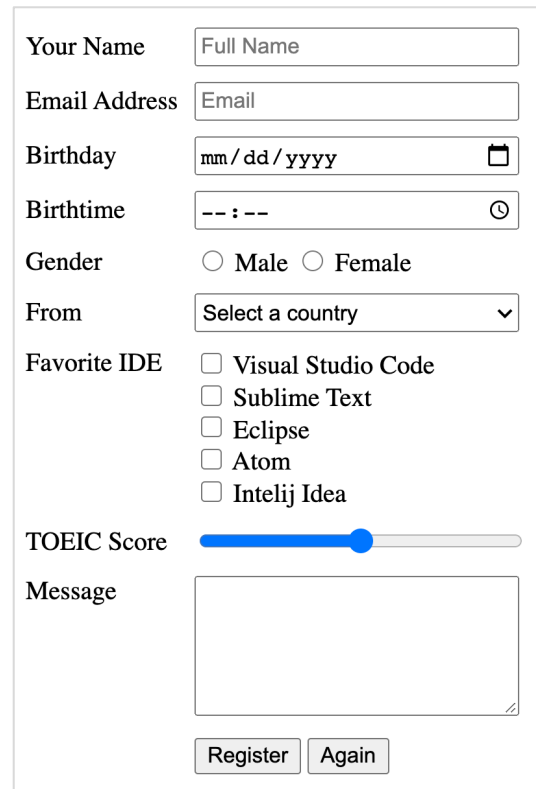
1. For correct alignment, form elements should be placed inside a hidden **table** element.
2. Remove underlines from all hyperlinks.
3. Password is the required field.
4. If a valid email address is not entered, the form will not be submitted (HTML5 feature).
5. Try to fix all the error messages outputted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



3. REGISTER FORM

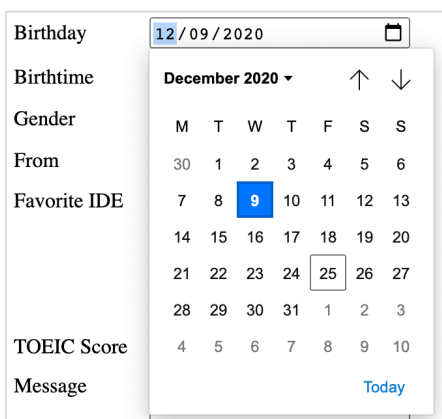
Requirements:

1. All form elements should be beautifully 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 elements will be restored to their default value.

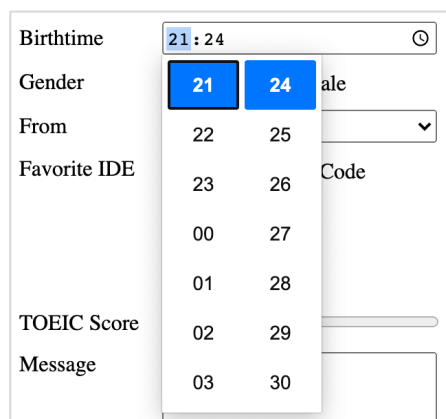


The main register form contains the following fields and controls:

- Your Name:** Text input field with placeholder "Full Name".
- Email Address:** Text input field with placeholder "Email".
- Birthday:** Date picker showing "mm/dd/yyyy".
- Birthtime:** Time picker showing "--:--".
- Gender:** Radio buttons for "Male" and "Female".
- From:** Dropdown menu with placeholder "Select a country".
- Favorite IDE:** Checkboxes for "Visual Studio Code", "Sublime Text", "Eclipse", "Atom", and "Intelij Idea".
- TOEIC Score:** Range slider.
- Message:** Text area.
- Buttons:** "Register" and "Again".



This detail view shows the date selection interface for the Birthday and Birthtime fields. The Birthday field is set to 12/09/2020. The Birthtime field is set to 21:24. The Gender field is set to Male. The From field is set to Select a country. The Favorite IDE field is set to Visual Studio Code. The TOEIC Score field is set to 21. The Message field is empty.



This detail view shows the gender selection interface. The Gender field is set to Male. The From field is set to Select a country. The Favorite IDE field is set to Visual Studio Code. The TOEIC Score field is set to 21. The Message field is empty.



This detail view shows the favorite IDE selection interface. The Favorite IDE field is set to Visual Studio Code. The Message field is empty.

The form must submit its information to <http://web-tdtu.herokuapp.com/lab01/register.php> using **POST** method. The server expects to receive an *x-www-form-urlencoded* body with 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	Johnny Depp	Luke Evans
CEO & Founder	Product Owner	Team Leader
Some text that describes me lorem ipsum ipsum lorem.	Some text that describes me lorem ipsum ipsum lorem.	Some text that describes me lorem ipsum ipsum lorem.
Specializes in <ul style="list-style-type: none">• Javascript• C/C++• Java	Specializes in <ul style="list-style-type: none">a. Objective Cb. Swiftc. C/C++	Specializes in <ul style="list-style-type: none">◦ C#◦ Visual Basic◦ Typescript
Contact	Contact	Contact

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