

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.

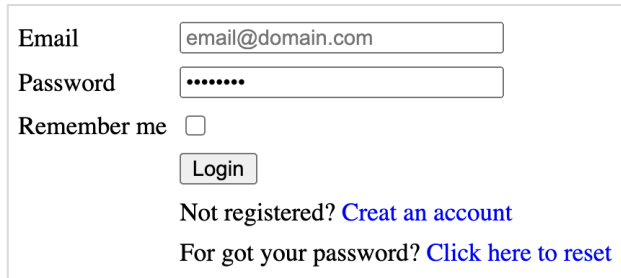
1. HTML TABLE

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



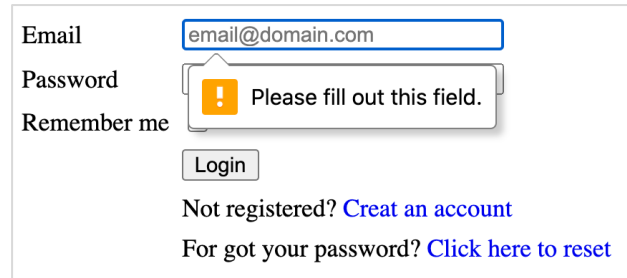
Email

Password

Remember me ☐

Not registered? [Creat an account](#)

For got your password? [Click here to reset](#)



Email

Password

Remember me ☐

Not registered? [Creat an account](#)

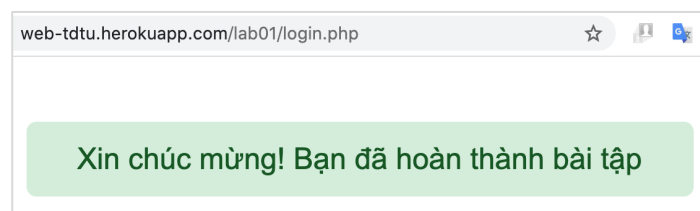
For got your password? [Click here to reset](#)

Please fill out this field.

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:

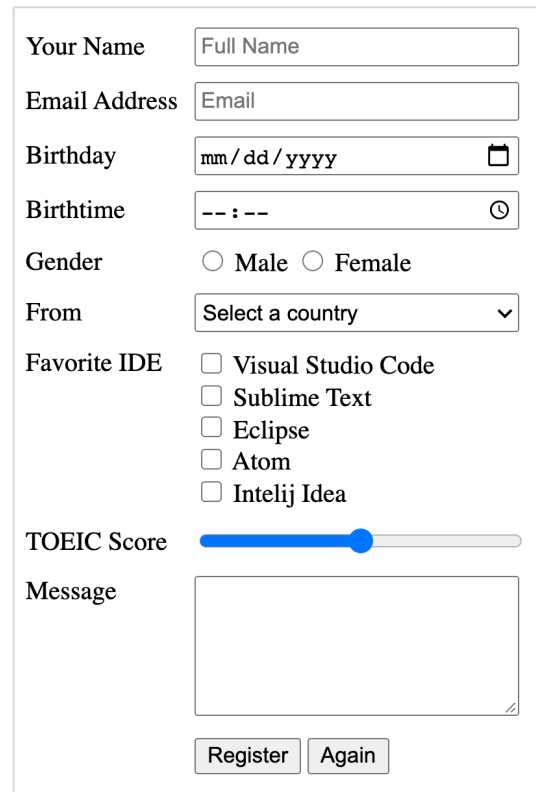
1. Form elements should be placed inside a hidden **table** element.
2. Remove underlines from all hyperlinks (<a> elements).
3. Password is the required field.
4. If a valid email address is not entered, the form should not be submitted (HTML5 feature).
5. Try to fix all the error messages outputted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



3. REGISTER FORM

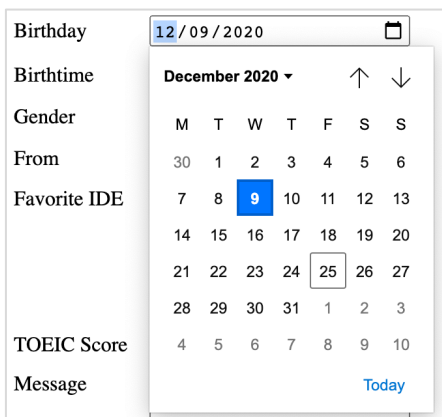
Requirements:

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.



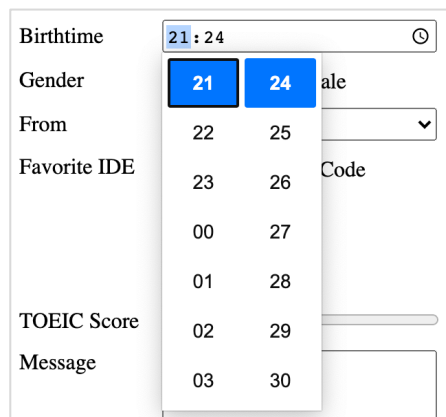
The main register form contains the following fields and controls:

- 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:** List of checkboxes for "Visual Studio Code", "Sublime Text", "Eclipse", "Atom", and "Intelij Idea".
- TOEIC Score:** Range slider.
- Message:** Text area.
- Buttons:** "Register" and "Again".



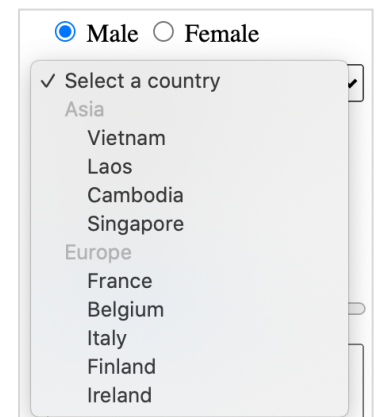
Close-up of the Birthday and Birthtime fields:

- Birthday:** Shows a calendar for December 2020 with the 9th selected.
- Birthtime:** Shows a time picker with 21:24 selected.



Close-up of the Gender and From fields:

- Gender:** Shows radio buttons for "Male" (selected) and "Female".
- From:** Shows a dropdown menu with "Select a country" as the placeholder.



Close-up of the Favorite IDE and Message fields:

- Favorite IDE:** Shows checkboxes for "Visual Studio Code", "Sublime Text", "Eclipse", "Atom", and "Intelij Idea".
- Message:** Shows a text area.

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	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).