

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

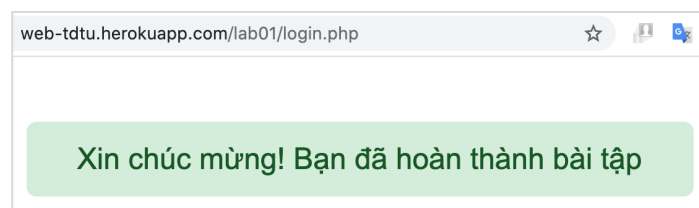
| | |
|--|---|
| Email | <input type="text" value="email@domain.com"/> |
| Password | <input type="password" value="....."/> |
| Remember me | <input type="checkbox"/> |
| | <input type="button" value="Login"/> |
| Not registered? Creat an account | |
| For got your password? Click here to reset | |

| | |
|--|---|
| Email | <input type="text" value="email@domain.com"/> |
| Password | <div><input type="password"/> Please fill out this field.</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 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:

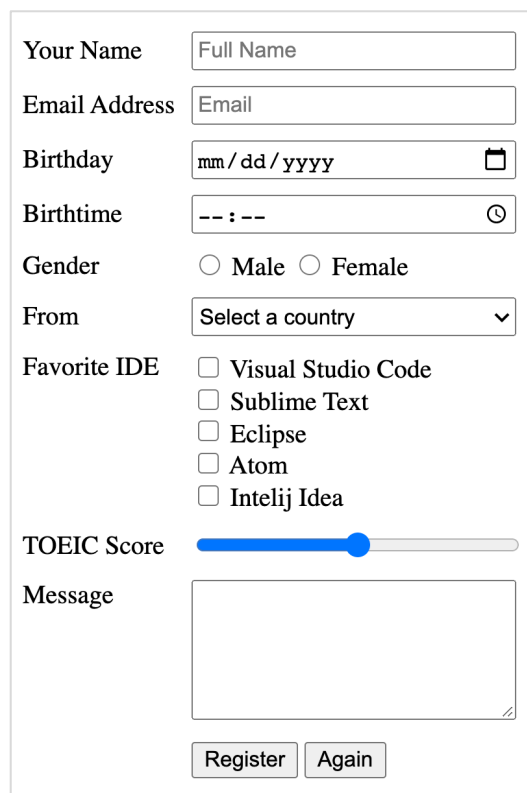
1. Form elements should be placed inside a hidden **table** element.
2. Remove underlines from all hyperlinks (<a> elements).
3. Password is the required field.
4. If a valid email address is not entered, the form should not be submitted (HTML5 feature).
5. Try to fix all the error messages outputted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



3. REGISTER FORM

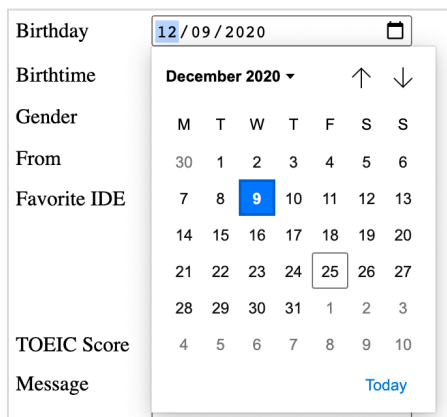
Requirements:

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.

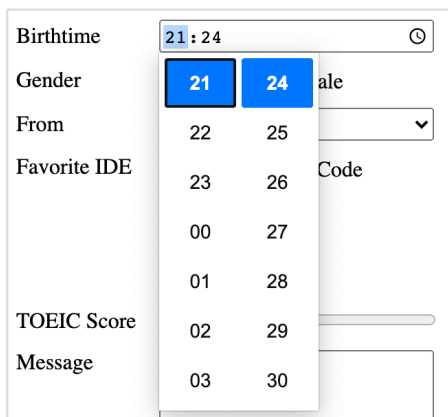


The main register form contains the following fields and controls:

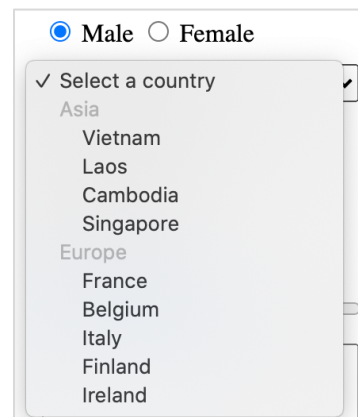
- Your Name:** Text input field with placeholder "Full Name".
- Email Address:** Text input field with placeholder "Email".
- Birthday:** Date picker showing "mm/dd/yyyy".
- Birthtime:** Time picker showing "--:--".
- Gender:** Radio buttons for "Male" and "Female".
- From:** Dropdown menu with placeholder "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".



This screenshot shows the date and time selection interface. The date is set to 12/09/2020. The birthtime is set to 21:24. The gender is set to Male. The favorite IDE is set to Visual Studio Code. The TOEIC score is set to 21. The message field is empty.



This screenshot shows the gender and country selection interface. The gender is set to Male. The country is set to Vietnam. The favorite IDE is set to Visual Studio Code. The TOEIC score is set to 21. The message field is empty.



This screenshot shows the country selection dropdown menu. The selected country is Vietnam. Other visible options include Laos, Cambodia, Singapore, France, Belgium, Italy, Finland, and Ireland.

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).