

WEB PROGRAMMING AND APPLICATIONS

(503073)

WEEK 2

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**Objective:** In this week, you will be given some html files that contain only HTML code and by default, they are not styled. You are required to write css code to style the pages and make them look better as the illustrative images. You are **not allowed** to modify html code except by changing the **class** attrirbute values. Your css code should be placed in a separate file e.g. **style.css** and it will be referenced from html pages with the `<link>` tag.

Please watch the corresponding tutorial videos before doing the exercises.

Exercise 1: Student Schedule Table

student schedule

| Day/Period | I                  | II       |  | 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    |

Figure 1. Plain HTML Table

STUDENT SCHEDULE

| DAY/PERIOD | I                  | II       |  | III       | IV          |
|------------|--------------------|----------|--|-----------|-------------|
| Monday     | Math               | Physics  |  |           |             |
| Tuesday    | LAB                |          |  |           |             |
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| Friday     | LAB                |          |  | Geography | Informatics |
| Saturday   | Math               | Physics  |  | LAB       |             |
| Sunday     |                    |          |  |           | Homework    |

Figure 2.. HTML Table with CSS applied

Exercise 2: Registration Form

Your Name

Full Name

Email address

Email

Email address is not valid

Birthday

mm / dd / yyyy

Birthtime

-- : --

Gender

☐ Male ☐ Female

Country

Select a country

Please select a country

TOEIC

Register

Reset

Figure 1. HTML Form without CSS

Your Name

Full Name

Email address

Email

Email address is not valid

Birthday

mm / dd / yyyy

Birthtime

-- : --

Gender

☐ Male ☐ Female

Country

Select a country

Please select a country

TOEIC

Register

Reset

Figure 2. HTML Form with CSS

Exercise 3: Responsive Website

Responsie Website

- Vietnam
- Singapore
- Thailand
- Indonesia

Tutorials

To make the layout responsive, using **media query** feature. This feature allows us to set css on different conditions such as: viewport size, rotation direction of screen, type of device running ...

What is Lorem Ipsum?

Lorem Ipsum is simply dummy text of the printing and typesetting industry.

Where does it come from?

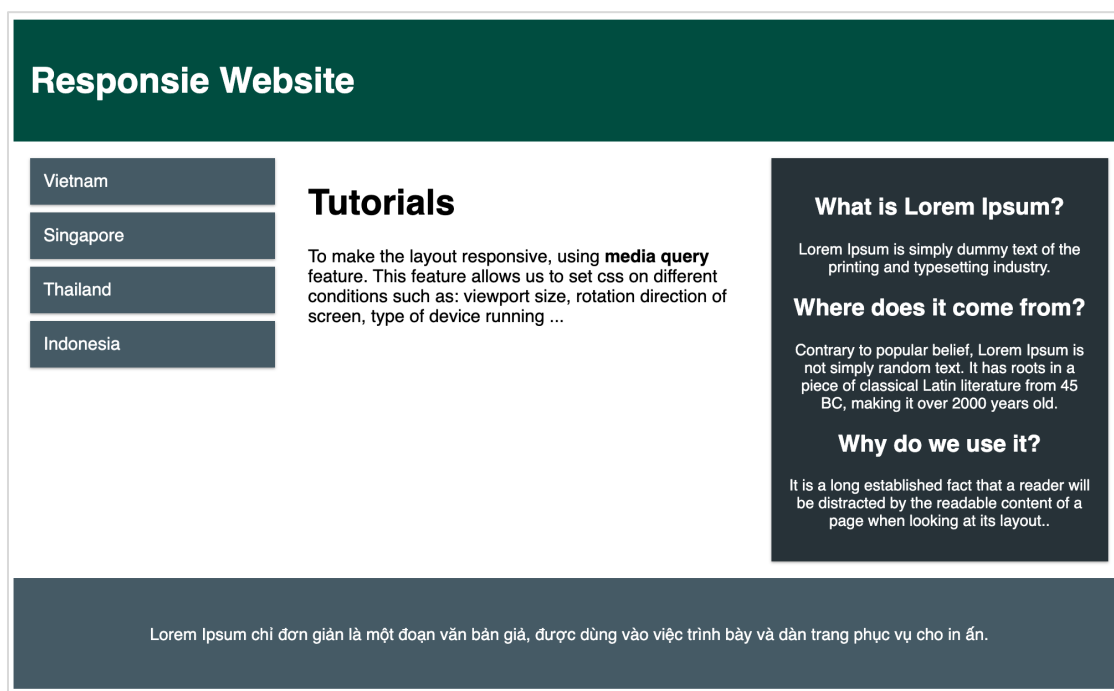
Contrary to popular belief, Lorem Ipsum is not simply random text. It has roots in a piece of classical Latin literature from 45 BC, making it over 2000 years old.

Why do we use it?

It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout..

Lorem Ipsum chỉ đơn giản là một đoạn văn bản giả, được dùng vào việc trình bày và dàn trang phục vụ cho in ấn.

Figure 1. Plain HTML page



*Figure 2. HTML page with CSS applied when running on **PC***



*Figure 3. HTML page with CSS applied when running on **tablet devices***

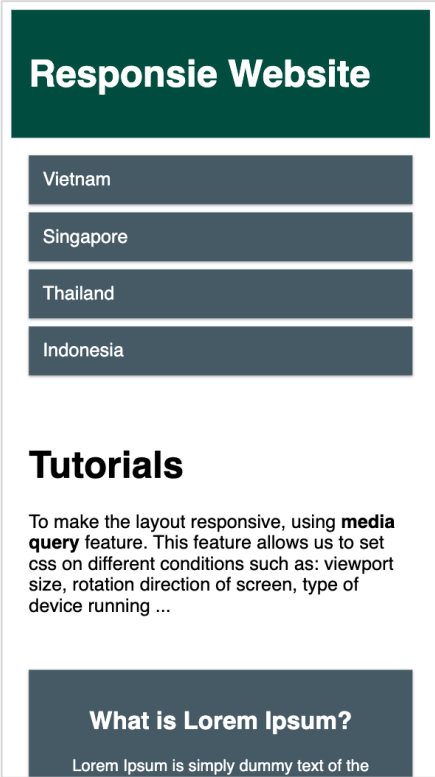


Figure 4. HTML with CSS applied when running on *mobile devices*

Exercise 4: Chat Conversation

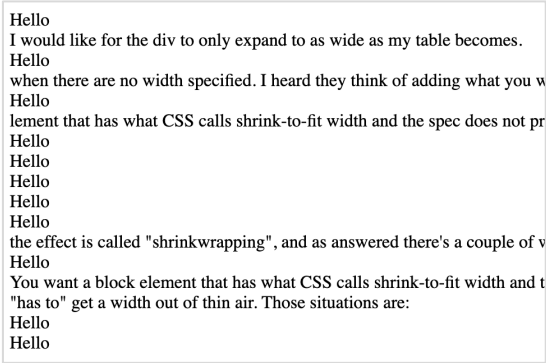


Figure 1. HTML only

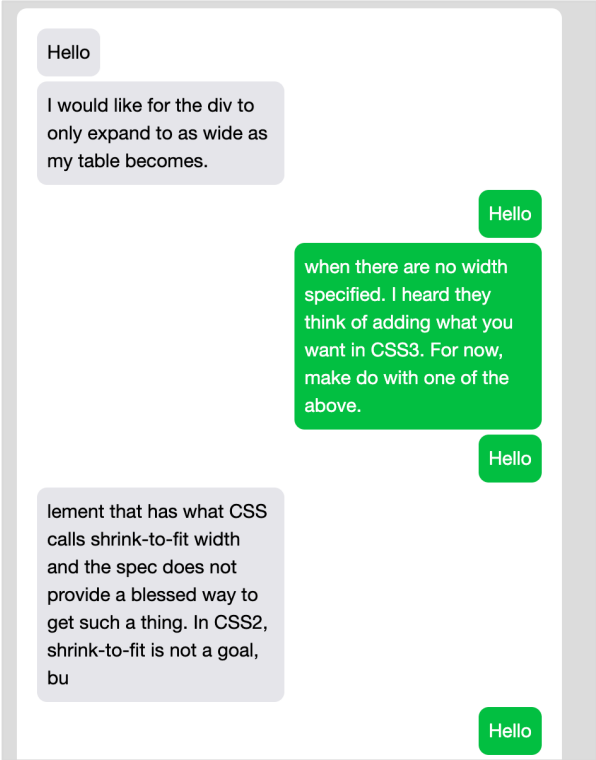


Figure 2. HTML with CSS applied