

Tutorial 1: HTML

General tutorial instruction

If you have any question, feel free to ask a TA for help, look at lecture slides or find answers on the Internet.

You are not expected to finish all of the exercises. Just do as much as you can in the allotted time.

Objectives

- Improve your HTML skills via practicing.

Tutorial Exercises

Activity 1: Chat with your tutor (30 mins)

Understanding between learners and instructors is very important. In this first tutorial, spend about a half of an hour (even more) to introduce yourself.

You are expected to be in the best mood when you finish this activity and be ready to the next one.

Activity 2: Setting up the working environment at the lab and in your computers.

Programming Tools

- We are going to use Visual Studio Code as the main programming tool.
- Follow this link to download: <https://code.visualstudio.com/download> and install.
Other necessary extensions will be suggested to you.
- Sure, you can choose any others that you prefer with (Sublime Text, Atom...)

Webserver and Database

- In this module, we use NodeJS as web server and MongoDB as the database.
- Follow these link to download and install
 - o NodeJS: <https://nodejs.org/en/download/>
 - o MongoDB: <https://www.mongodb.com/download-center/community>

Activity 3 - Read more: HTML Story (10 mins)

Open & walk through together!

Exercise 1: HTML Quiz (15 mins)

Before playing with “real HTML” things, try the following test to solidify your theory.

Here is the test path: http://www.w3schools.com/html/html_quiz.asp

Just follow it to challenge yourself individually as fast as possible (You can freely use the internet or any kind of material to find answers).

Remember to capture the score because we will use that result in the next exercise.

HTML Quiz

Result:

40 of 40

100%

Perfect!!!

Time Spent

4:25

[Check your answers](#)[Back to Quizzes](#)

Exercise 2: Aboutme (30 mins)

Create a folder named wpr-tut01-yourname and put everything in this tutorial there (e.g. wpr-tut01-congnv)

Create a page *aboutme.html* that describes you with information bellow:

- Your name
- A short description of yourself in 5 sentences. Emphasize important word(s) in bold.
- A list of courses you are taking this semester at FIT.

- Your 3 favorite movies, books, or TV shows (with thumbnails) in order. Make at least one link to an interesting site about that TV show/movie/book, such as its IMDB page. The link should be triggered when users click on thumbnail or title.
- Cite your favorite quote (Don't forget to name the author)
- Something about one of your neighbors (people sitting next to you) or your TA if you are sitting alone.
- Finally, embed your HTML test score from previous exercise to your page.

Example: (next page)

Exercise 3: Validate your page (15 mins)

Validate the syntax of your HTML code:

- Open <http://validator.w3.org/>
- Either click "Validate by File Upload" and the Browse to your aboutme.html file, or click "Validate by Direct Input" and then copy/paste your code into the text box.
- If there are any errors, fix the first one, then repeat the previous steps.
 - o Try to get the green bar for 0 errors. "Warnings" are okay.
 - o *The error messages can be hard to understand. Feel free to ask a TA or neighbor for help.*

If you finish them all...

If you finish all the exercises, you can add any other content or styles you like to your page.

If the lab is over or almost over, check with a TA and you may be able to be dismissed.

Good bye!

About NGUYEN VAN CONG

Hi! My name is Cong. You can call me as **Bee** also. I'm *thin, chuppy*, and *so on*.

Classes I am in charge

1. WPR - Web Programming
2. JSD - Java Technology
3. MPR - Mobile Programming
4. SS2 - Special Subject 2

My Favorite Movies

Click for IMDB links!



[The Matrix \(IMDB\)](#)



[Detective Conan](#)



[Attack on](#)

[Titan](#)

My Favorite Quote

Your future is created by what you do today, not tomorrow.

—Robert Kiyosaki

Fun Facts About Your Neighbors

- Sue Smith: *Effervescent* is a word that describe her.
- Bill Thompson: Loves playing *Yu-Gi-Oh*.

My HTML Test Score

HTML Quiz

Result:

40 of 40

100%

Perfect!!!

Time Spent

4:25

[Check your answers](#)

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