

IS113 Web Application Development I

Week 1 In-class notes

[G10]

~ LAU Yi Meng ~

webroot

```
webroot --
|
|-- is113
|   |
|   |-- week1
|       |
|       |-- hello_world.html
|       |-- <folder>
|           |-- <folder>
|               |-- <file>.html
|                   |
```

- C:\wamp64\www is the webroot.
- Access your HTML files via the URL. It should go through the Web Server.
- Should you need to backup your codes, it will be in is113 folder

Exercise 2: Hello World

- Install Visual Studio Code and Chrome
- Create a simple hello_world.html using Visual Studio Code
- Deploy it in WampServer (www folder)
- View it using Chrome



Exercise 2: Hello World

```
<!DOCTYPE html>
<html>
  <head>
    <title>Hello Everyone</title>
  </head>
  <body>
    <h1> Hello World  !!!! </h1>

    <h3> Welcome to IS113 </h3>
  </body>
</html>
```



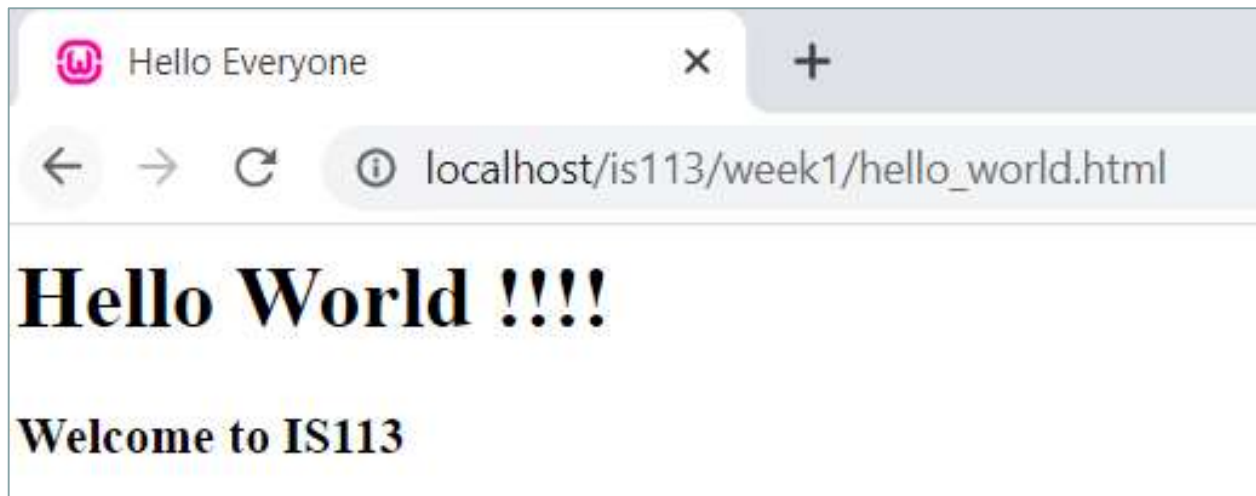
WampServer



Visual Studio Code



Exercise 2: Hello World



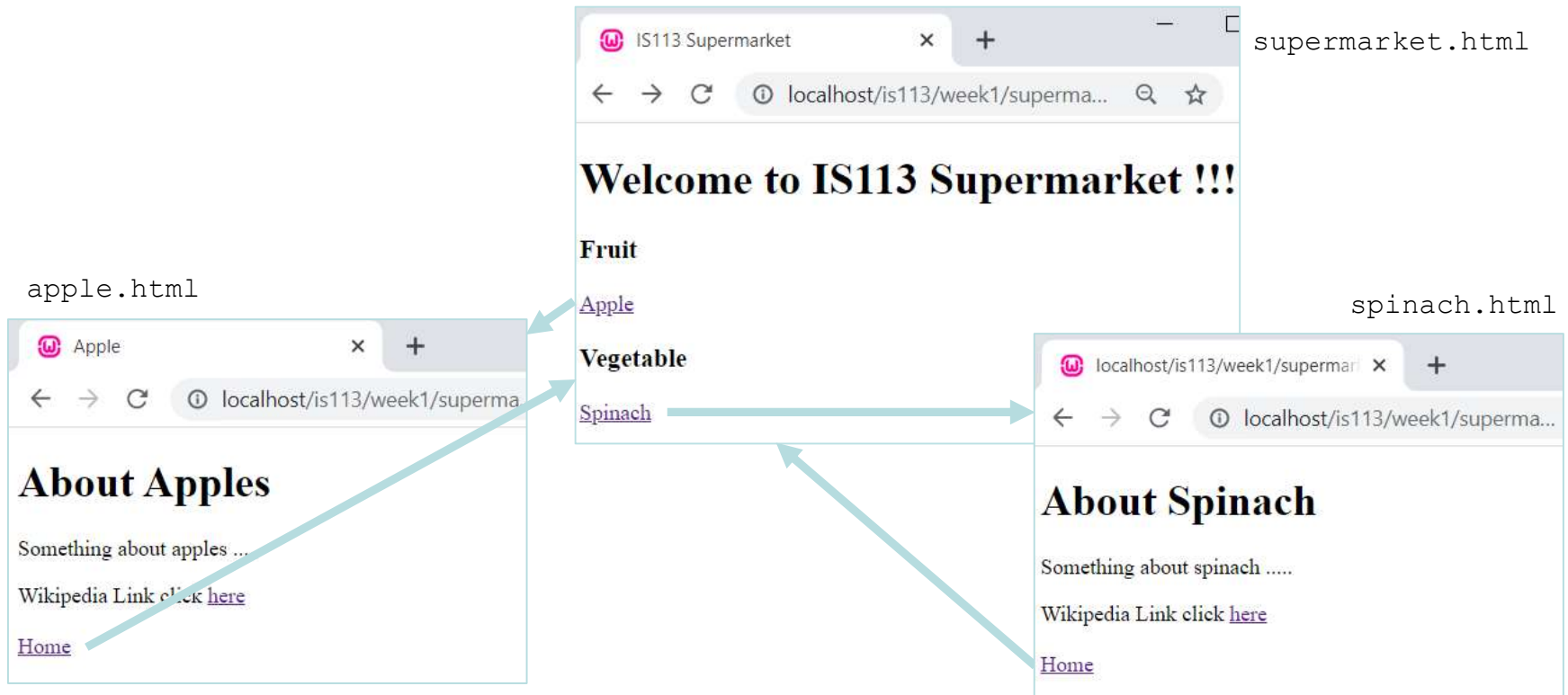
Exercise 3: Supermarket

- In week1.zip there are 3 html files.
- Create 2 folders under supermarket – fruit, vegetable

```
webroot --  
  |-- is113  
    |-- week1  
      |-- hello_world.html  
      |-- supermarket  
        |-- fruit  
        |-- vegetable
```

Exercise 3: Supermarket

- Place the html files in appropriate folders such that the web pages work as below.



- Use <https://www.w3schools.com/html/default.asp> to help you if needed

Exercise 3: Supermarket

- Place the html files in appropriate folders such that the web pages are linked in such.

```
webroot --  
|  
|-- is113  
|   |-- week1  
|       |-- hello_world.html  
|       |-- supermarket  
|           |-- supermarket.html  
|           |-- fruit  
|               |-- apple.html  
|       |-- vegetable  
|           |-- spinach.html
```


Common Mistakes

- Double click on c:\wamp64\www\is113\week1\hello_world.html instead of via URL : http://localhost/is113/hello_world.html
- Results are the same, for now as this is a text document. But it is not interacting with the web server.
- Always access using URL from the web browser.
 - Make a http web request and receive a Web Server response

URL : Universal Resource Locator

http://localhost/is113/hello_world.html

Weekly Learning

- Fill in your weekly learning via <https://smu.sg/IS113-G10-weekly>
- Due every Sunday 2359 hrs.