


Practical 2: HTML Basics (II)

Preparation:

1. You should have gone through
 - Lecture slides on Table, Embedding Video/Audio and iframe
2. Your learning outcomes checklist: 
 - Be able to use MS VS Code to create a simple webpage with:
 - ☐ table
 - ☐ embedded video/audio
 - ☐ iframe

Part A: Try it out! (40 mins)

Section 1: Video & Audio (20 mins)

1. Create a sub-folder named **Week2** under **WebDev** folder to store all web pages that you will create today.
2. Start-up MS VS Code.
3. Under File -> Open Folder, select the **Week2** folder you have created.
4. At the top menu bar, choose File -> New Text File.
5. Enter the following HTML code

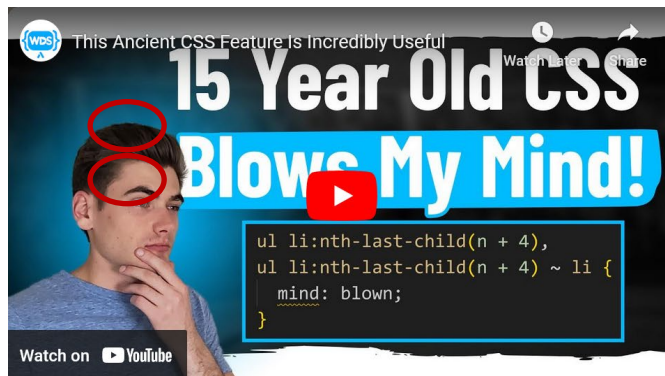
```
<!doctype html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>MyProfile - Favourites</title>
</head>
<body>
```

6. At the top menu bar, choose File -> Save As. Save the file as **favourites.html** under the folder **week2**
7. Download the video and mp3 files from Brightspace and save them under **media** folder
8. Use headings to indicate the purpose.
9. The following code will help you to embed the first video. Copy and paste the code:

```
<video src="./media/run.mp4" width="420" height="315" controls></video>
```

Click at [share](#), then [embed](#),
copy the [iframe code](#)

10. Go YouTube and look for “ancient CSS feature”



Embed Video

```
<iframe width="560" height="315"
src="https://www.youtube.com/embed/
yYKX72xjFx8?si=LvtMg1Rte1toN7-z"
title="YouTube video player"
frameborder="0"
allow="accelerometer; autoplay;
clipboard-write; encrypted-media;
gyroscope; picture-in-picture; web-
share" referrerpolicy="strict-
origin-when-cross-origin">
```

Copy

11. Paste the code for the iframe in Step 10 below the code in Step 9. Run on Web App (Chrome) and test whether the 2 videos can be played in the web page.

12. Embed the following 2 songs (available as mp3 and ogg files, you should have downloaded in this activity step 1) to the page.

- Morning has broken
- Somewhere only we know

For example:

```
<audio src="./media/01_Somewhere_Only_We_Know.ogg" controls></audio>
```

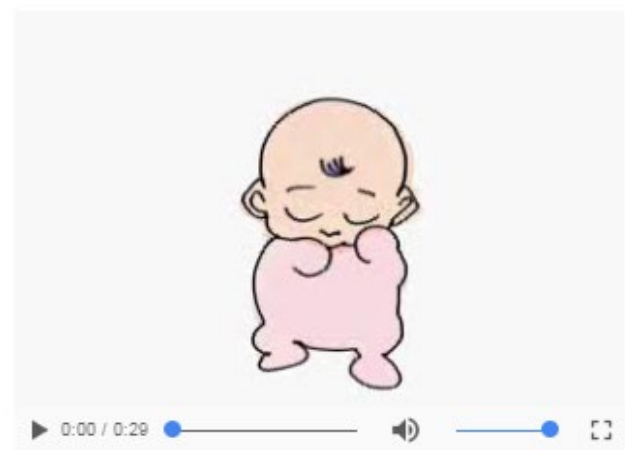
It may look as below:



My personal website

My favourite videos

Video about me



Partly cloudy from youtube



My favourite audios

Somewhere only we know



Morning has broken



Section 2: Table (20mins)

1. Create the following web page which consists of list and table.

Singapore Healthy Cooking Competition 2016

Rules and Regulations

- Competators are given 20mins to shop for ingredients at NTUC next to PCK community center.
- Total price of ingredients should not be more than \$30.
- Each team is to prepare
 1. One pot of Soup
 2. 2 Dishes
- Total time spent for preparation and cooking should not exceed an hour.
- Judges decision is *final*.

Competition Categories

3 Competition Categories

Category	Age Group	Team Size	Date	Time	Venue
Category A: Kids the Chef	8 to 12	2	9th June 2012	11:00am	PCK CC Level 3 Room A
Category B: Happy Family	Family members (max. 4 persons)		10th June 2012	10:00am	PCK CC Level 2 Room C
Category C: Delicious Friendships	13 to 60	2 to 3	10th June 2012	9:00am	

Part B: Check and learn it together (30mins)

- ✓ Share your work with team to learn from each other.
- ✓ Show your work to your tutor.
- ✓ Your team may be selected to present the answer.

Part C: Challenge Me (30mins)

Making use of what you have learnt, create 2 web pages to share about yourself.

Page 1: Share your hobbies, favorite songs, video etc.

Page 2: Share about you and course you are in now. For example: why have you selected your course of study? How you feel so far? What the course is about.

Part D: Correct Me (10mins)

1. Share with your friend your work.

Checked by:

2. Zip your work (Part C) and submit to BB.