

Ho Chi Minh City University of Food Industry Faculty: IT Major: Computer Science WEB DESIGN	<p style="text-align: center;">LAB 3</p> <p style="text-align: center;">OVERVIEW OF WEB DESIGN – HTML5</p>	
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A. OBJECTIVE:

- Having a general understanding of web design.
- Understanding and using basic HTML tags.

B. PRACTICE

1. Theoretical basis

1.1. Necessary knowledge

How to use HTML tags

- Image tag: ``
- Audio tag: `<audio></audio>`
- Video tag: `<video></video>`
- Plugin tag: `<object></object>`
- YouTube HTML tag: `<iframe></iframe>`
- Background sound tag: `<bgsound>` (IE), `<embed></embed>` (Firefox, Chrome, Netscape, Opera)

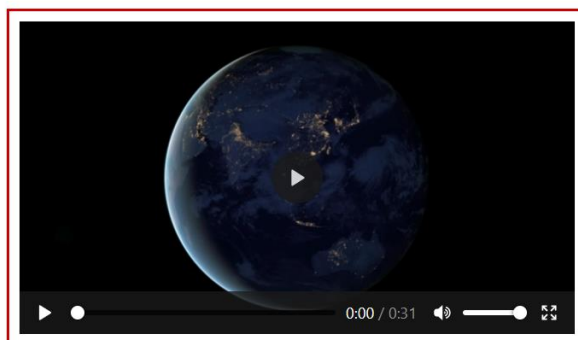
1.2. Sample exercises

Ex 1.1. Create the file named **Ex1.1.html** as follows::

Sample for audio file



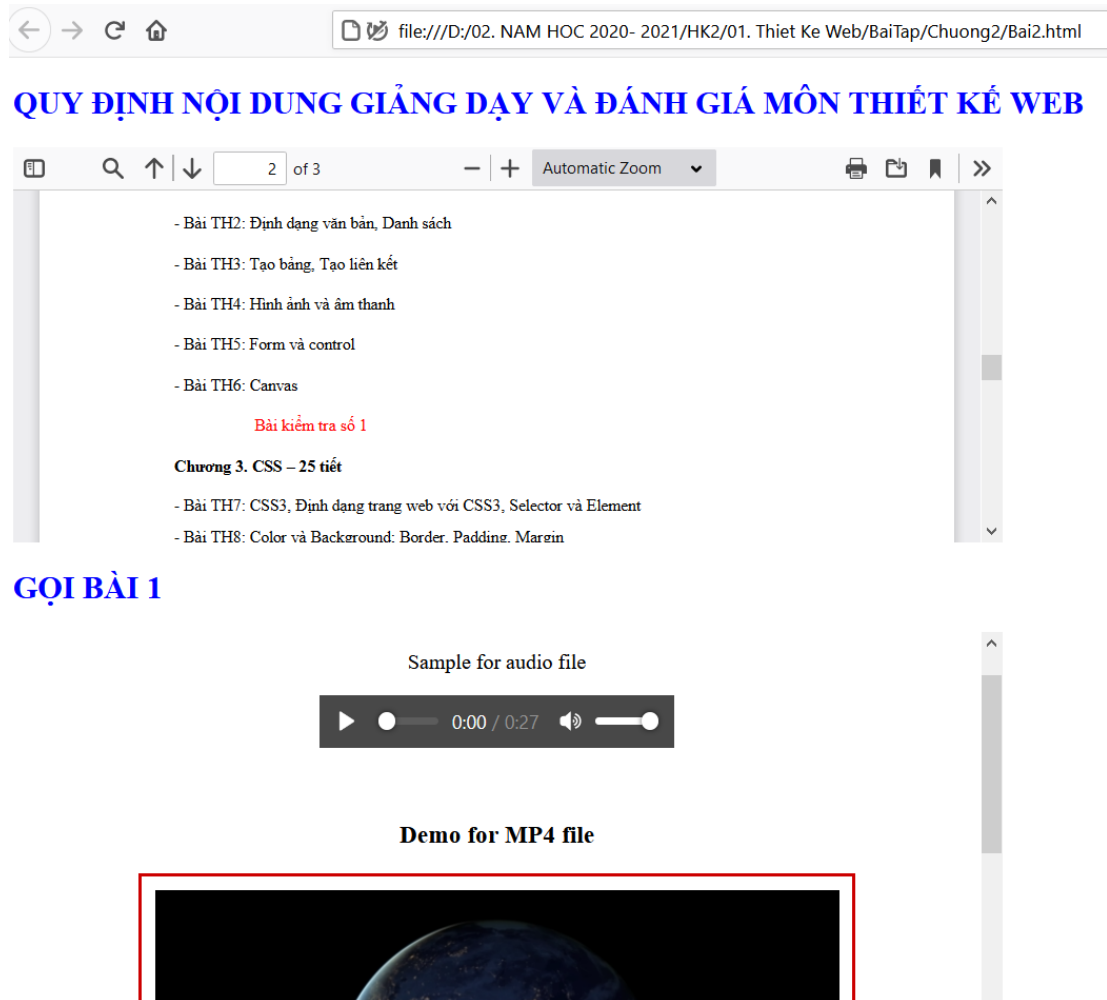
Demo for MP4 file



Hint:

Using the `<audio>` and `<video>` tags, and data files can download for youtube.

Ex 1.2: Create the file named **Ex1.2.html** as follows:

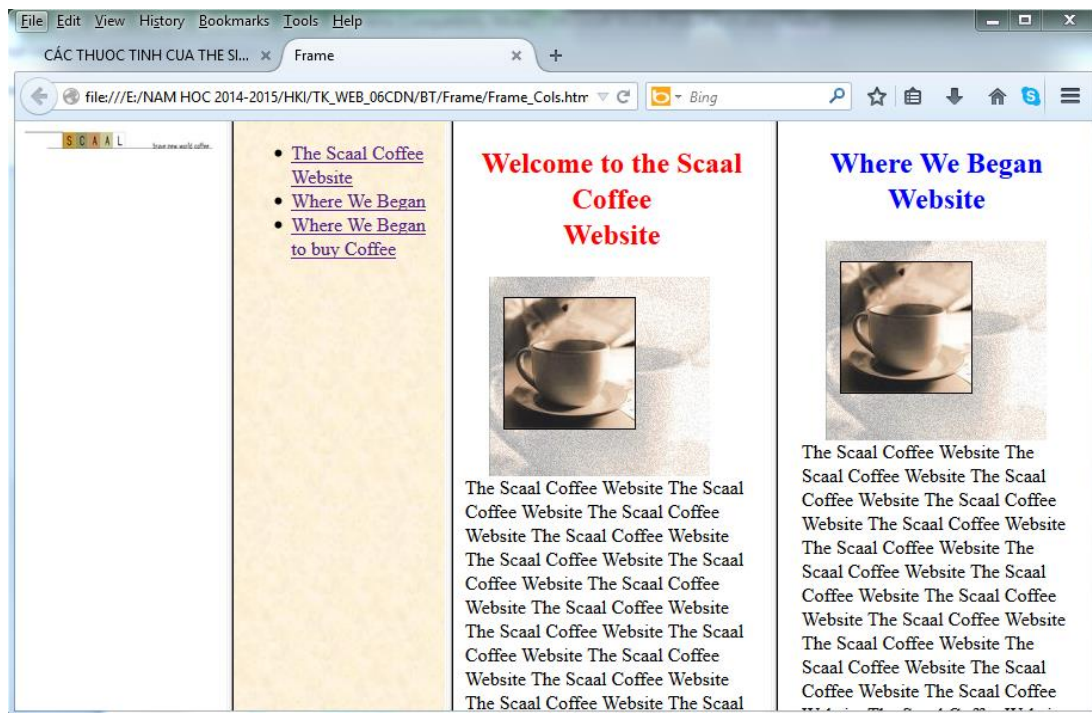


Hint:

Using the `<embed>` tag, `<object>` `</object>` tag to embed plug-ins (like Java applets, PDF readers, and Flash Players) into a web page.

```
<body>
  <h2 style="color:#00F">QUY ĐỊNH NỘI DUNG GIẢNG DẠY VÀ ĐÁNH GIÁ MÔN THIẾT KẾ WEB</h2>
  <object width="50%" height="300px" data="01.QuyDinhNoiDungGiangDayVaDanhGiaMonTKWeb.pdf"></object>
  <br />
  <h2 style="color:#00F">GỢI BÀI 1</h2>
  <object width="50%" height="300px" data="Bai1.html"></object>
</body>
</html>
```

Ex 1.3: Create a page named **Ex1.3.html** using column frame layout as follows



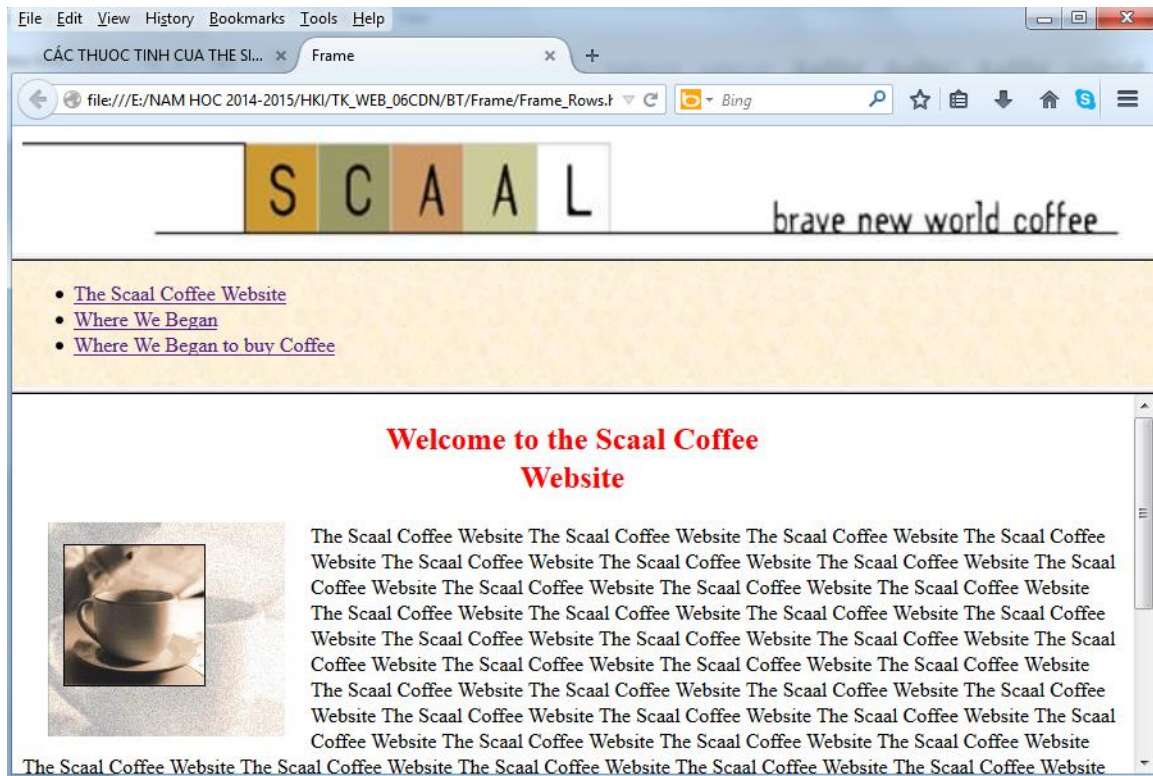
Requirement:

- Frame 1 is for displaying logo.html
- Frame 2 is for displaying left.html
- Frame 3 is for displaying Main1.html without scrollbar, with left/right and top/bottom margin = 10
- Frame 4 is for displaying Main2.html without scrollbar, with left/right and top/bottom margin = 20
- The content of left.html is as follows: when clicking on [The Scaal Coffee Website](#), Main1.html will be opened in frame 3 (column 3). When clicking on [Where We Began](#), Main2.html will be opened in frame 3 (column 3). When clicking on [Where We Began to buy Coffee](#), Main3.html will be opened in frame 4 (column 4).

Hint:

```
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Frame col</title>
</head>
<Frameset Cols = "20%, 20%, 30%, 30%" scrolling = "Yes">
  <Frame name = "Logo" src = "Logo.html" noresize >
  <Frame name = "Left" src = "Left.html" noresize >
  <Frame name = "Main 1 " src = "Main1.html" scrolling = "No" marginwidth = "10" marginheight = "50">
  <Frame name = "Main 2 " src = "Main2.html" >
</Frameset>
<noframes></noframes>
```

Ex 1.4: Create **Ex1.4.html** page using inline frame format as follows:



Requirement:

- Frame 1 is for displaying logo.html
- Frame 2 is for displaying left.html
- Frame 3 is for displaying Main1.html with scrollbar, using hspace = "20" attribute to separate image and text horizontally by 20 pixels
- The content of left.html is as follows: when clicking on [The Scaal Coffee Website](#), Main1.html will be opened in frame 3 (row 3). When clicking on [Where We Began](#), Main2.html will be opened in frame 3 (row 3). When clicking on [Where We Began to buy Coffee](#), Main3.html will be opened in frame 3 (row 3).

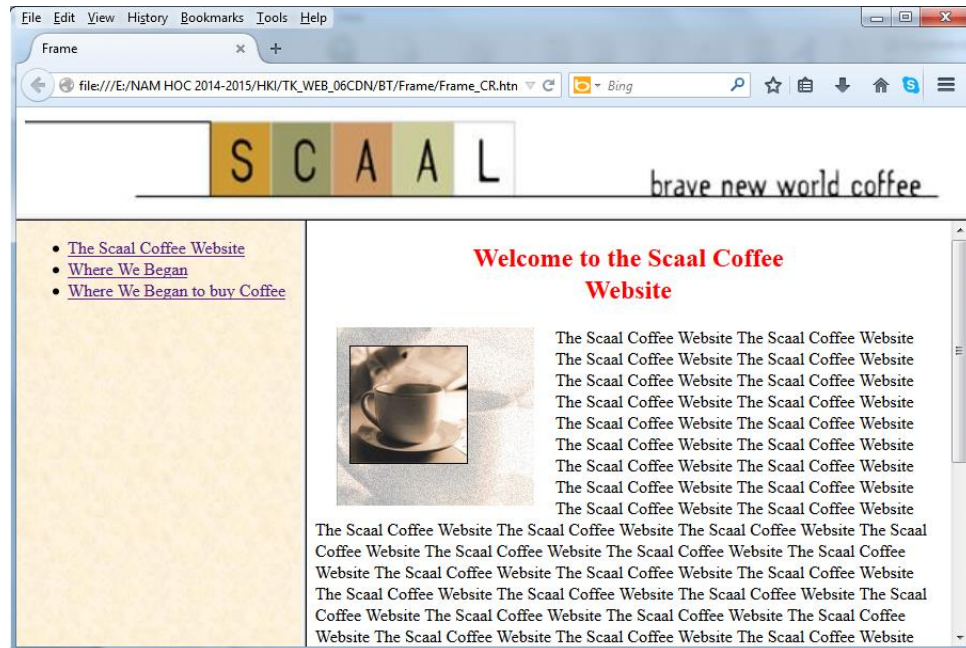
Hint:

```
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Frame Rows</title>

<frameset rows = "20%,20%, *">
    <Frame name = "Logo" src = "Logo.html">
    <Frame name = "Left" src = "Left.html">
    <Frame name = "Main" src = "Main1.html">
</frameset><noframes></noframes>
</head>
</html>
```


2. Inclass exercises

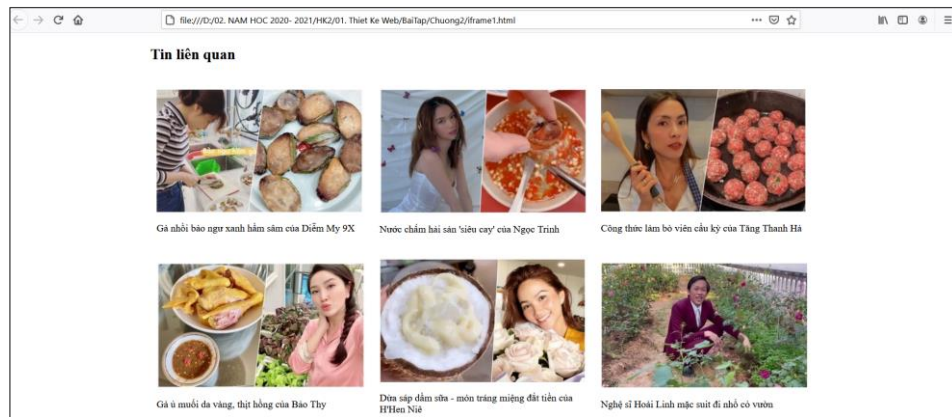
Ex 2.1: Create a page displaying a combination of row-column frame and save it with the name **FrameRC.html** as follows:



Ex 2.2: Using iframe to create a page **iframe2.html** as follows:



Requirement: The frame “Tin liên quan” will be created name **iframe1.html** with content



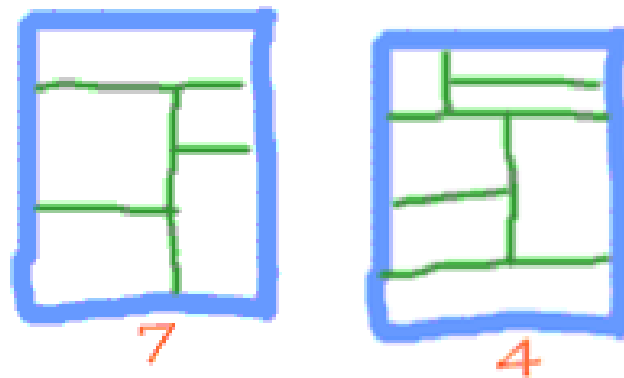
Hint:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Iframe 2</title>
</head>
<body>
<div style="width:1200px; margin:0 auto;">

<div style="text-align:justify; width:800px; float:left; background-color:#FCF; padding:20px; ">
<h1 style="color:#C30">Văn Lâm khoe tủ đồ riêng ở CLB Cerezo Osaka</h1>

<p> <b>Tủ đồ của Văn Lâm tại phòng thay đồ của Cerezo Osaka.</b><br />Thủ môn Văn Lâm được CLB Cerezo Osaka đăng ký thi đấu tại J-League 1 mùa giải 2021 dù chưa sang Nhật Bản ký hợp đồng.<br />
Hôm qua 22/2, Đặng Văn Lâm khoe trên Instagram hình ảnh tủ đồ riêng của anh tại phòng thay đồ của CLB Cerezo Osaka. Thủ thành tuyển Việt Nam đã được đội bóng Nhật Bản đăng ký thi đấu tại J-League 1 mùa giải 2021. Đặc biệt, anh được trao áo số 1 - số áo thường dành cho các thủ môn bất chính ở các đội bóng.<br />
Văn Lâm đạt được thỏa thuận gia nhập Cerezo Osaka hồi cuối tháng 1 vừa qua nhưng do ảnh hưởng của Covid-19 anh vẫn mắc kẹt tại Thái Lan. Thủ thành 27 tuổi hiện cùng bạn gái Yên Xuân nghỉ dưỡng ở một resort gần biển. Anh vẫn tự tập luyện hàng ngày để duy trì thể lực.</p>
<iframe name="Frame1" src="https://www.youtube.com/embed/5aDA85AQ1BE?autoplay=1&loop=1" width="350" height="300">
</iframe>
</div>
<iframe name="Frame2" src="iframe1.html" width="350px" height="630px" style="float:right"> </iframe>
</div>
</body>
</html>
```

Ex 2.3: Create frames according to the following templates and save them with the names **Frame7.html** and **Frame4.html**.



3. Homeworks

Ex 3.1: Create a frame according to the following template and save it as **Frame8.html**.

