

# STRUCTURE

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## 1 Lý thuyết:

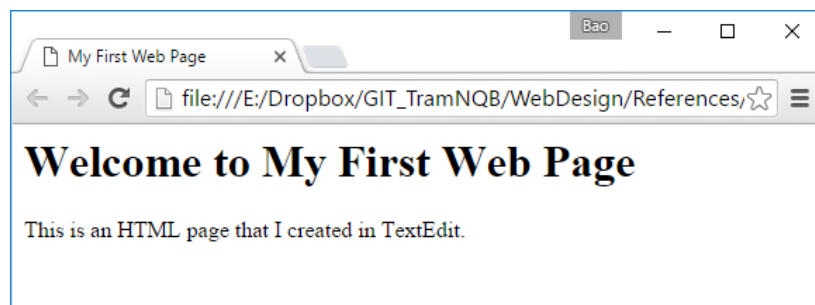
- Understanding Structure
- Learning about markup
- Tags and elements

## 2 Bài tập thực hành

### 2.1 BÀI TẬP 1

#### 2.1.1 Thời lượng: 15 phút

#### 2.1.2 Mô tả bài toán: Creating a web page on a PC

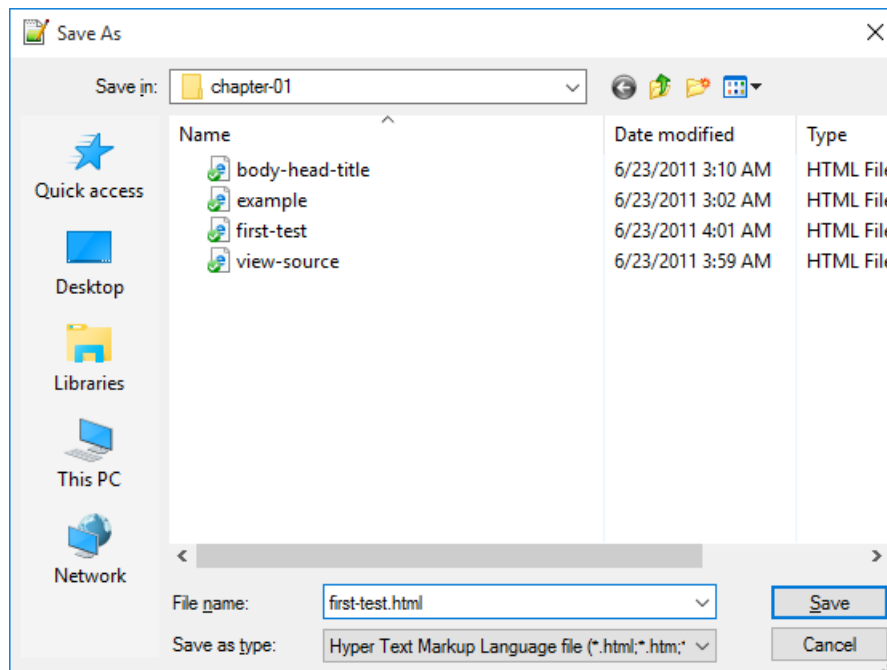


#### 2.1.3 Các bước thực hiện:

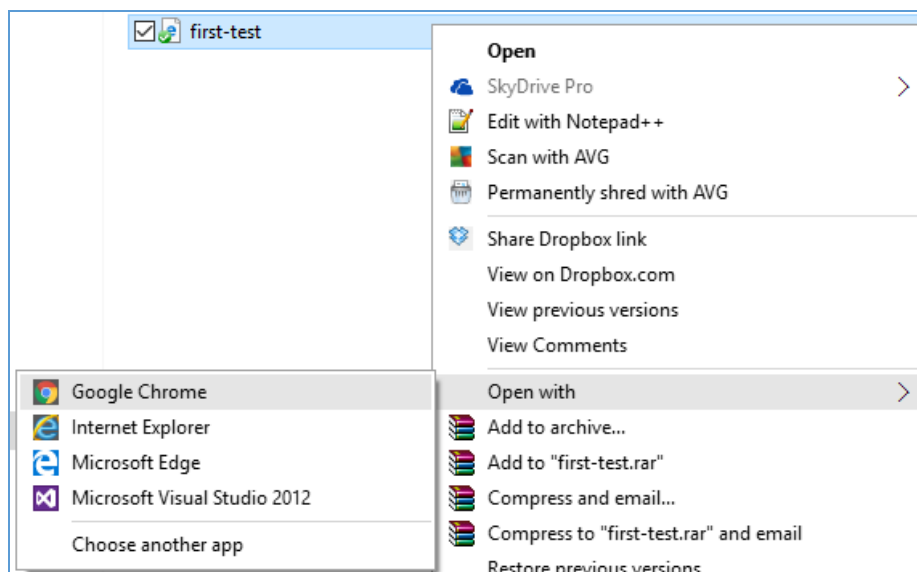
- Bước 1: Mở chương trình notepad
- Bước 2: Viết vào đoạn code sau

```
<html>
  <head>
    <title>My First Web Page</title>
  </head>
  <body>
    <h1>Welcome to My First Web Page</h1>
    <p>This is an HTML page that I created in TextEdit.</p>
  </body>
</html>
```

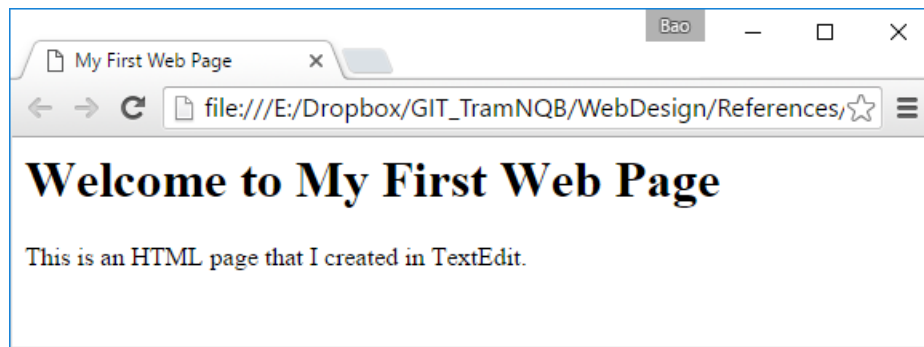
- Bước 3: save lại file với phần mở rộng là .html



- Bước 4: Right click vào file vừa save / chọn open with/ chọn trình duyệt muốn view trang web.



- Kết quả như sau :



## 2.2 BÀI TẬP 2

### 2.2.1 Thời lượng: 15 phút

### 2.2.2 Mô tả bài toán: Body , Head & Title

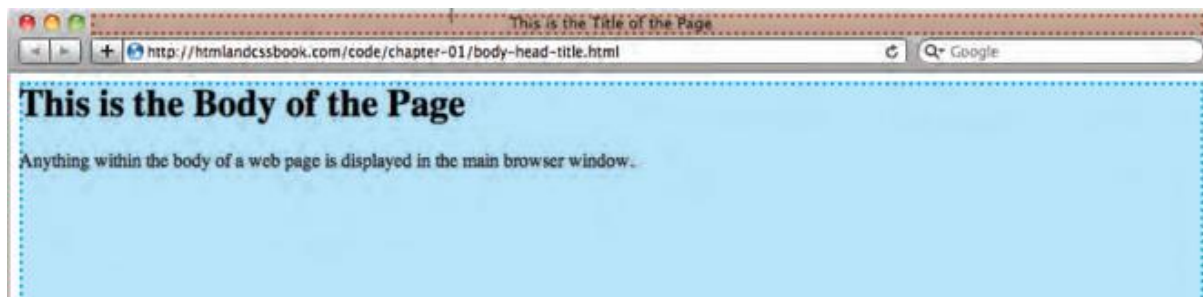


### 2.2.3 Các bước thực hiện:

```
<html>
  <head>
    <title>This is the Title of the Page</title>
  </head>
  <body>
    <h1>This is the Body of the Page</h1>
    <p>Anything within the body of a web page is displayed in
the main browser window.</p>
  </body>
</html>
```

Nội dung của thẻ <title> được thể hiện ở phần tên tab của trang web

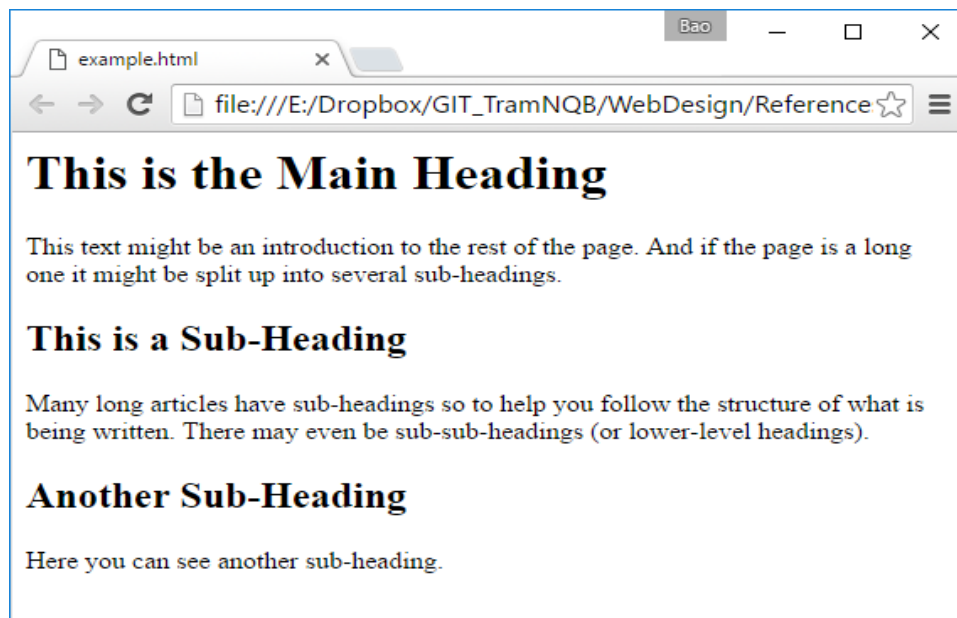
Nội dung của thẻ <body> được thể hiện ở phần “This is the Body of the Page ”



## 2.3 BÀI TẬP 3

### 2.3.1 Thời lượng: 15 phút

### 2.3.2 Mô tả bài toán: Html Describes The Structure Of pages



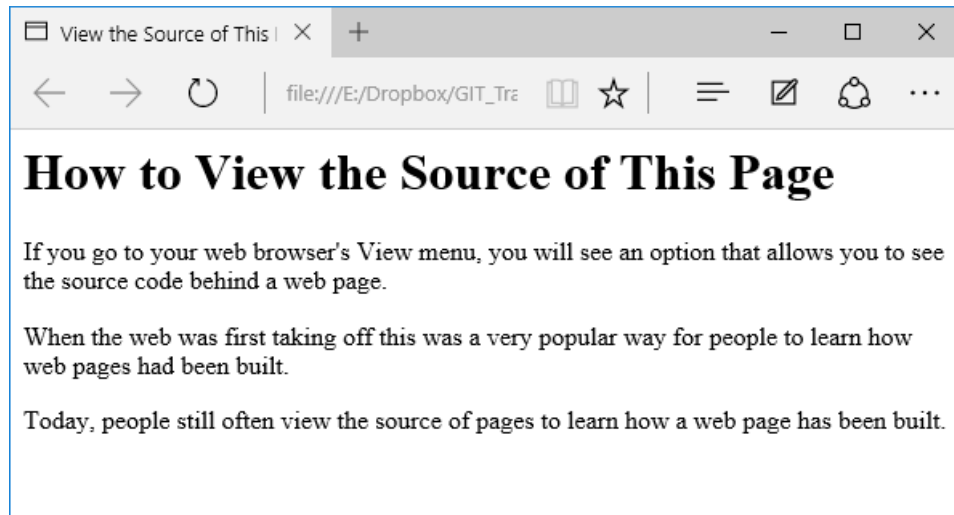
### 2.3.3 Các bước thực hiện:

```
<html>
  <body>
    <h1>This is the Main Heading</h1>
    <p>This text might be an introduction ..... into several sub-
headings.</p>
    <h2>This is a Sub-Heading</h2>
    <p>Many long articles have sub-headings ..... sub-sub-headings
(or lower-level headings).</p>
    <h2>Another Sub-Heading</h2>
    <p>Here you can see another sub-heading.</p>
  </body>
</html>
```

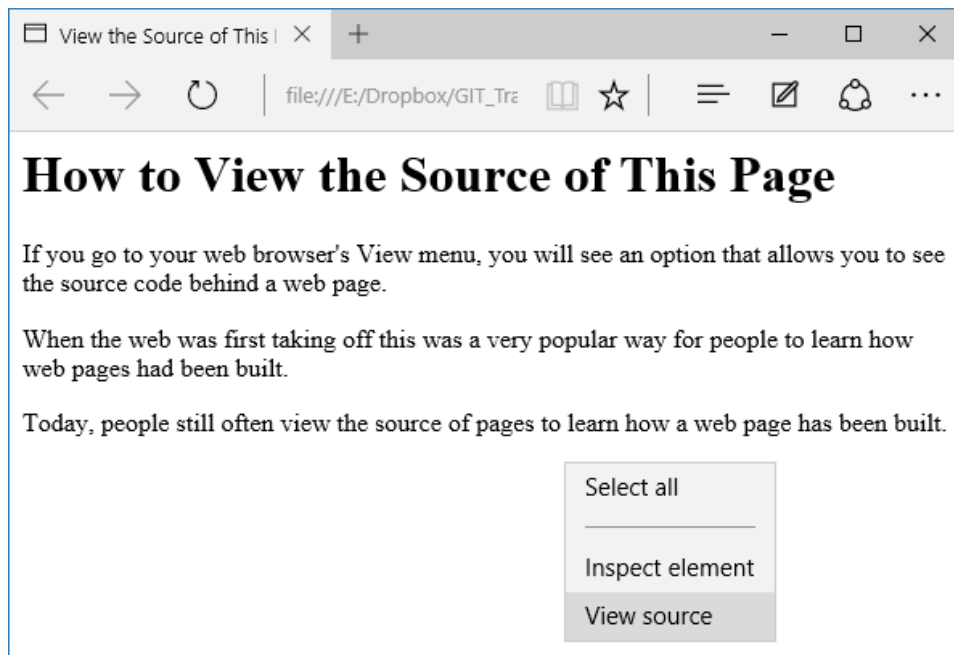
## 2.4 BÀI TẬP 4

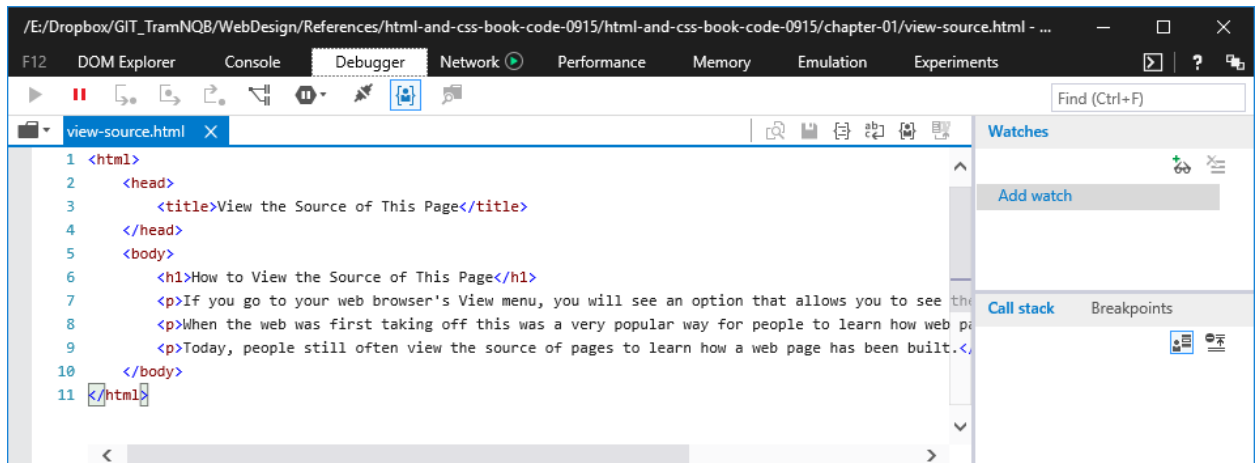
### 2.4.1 Thời lượng: 15 phút

### 2.4.2 Mô tả bài toán: View source HTML



### 2.4.3 Các bước thực hiện:





# TEXT

---

## 1 Lý thuyết:

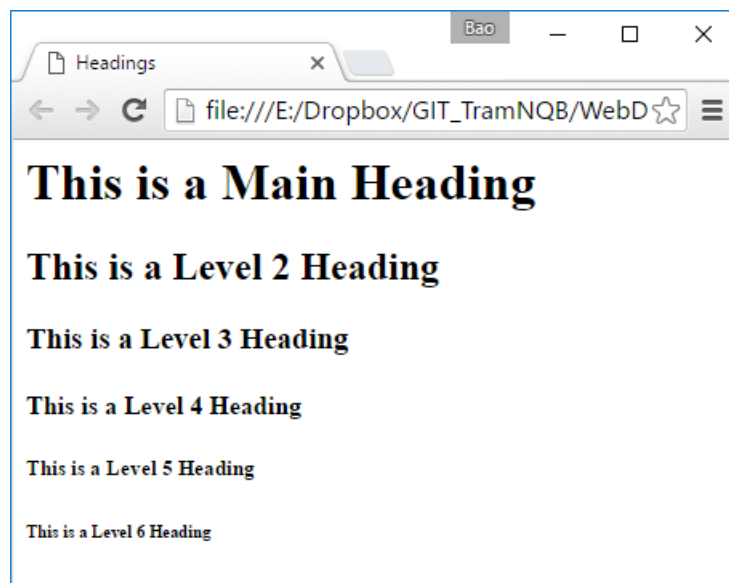
- Heading and paragraphs
- Bold, italic, emphasis
- Structural and Semantic markup

## 2 Bài tập thực hành

### 2.1 BÀI TẬP 1

2.1.1 Thời lượng: 15 phút

2.1.2 Mô tả bài toán: Headings



2.1.3 Các bước thực hiện:

```
<html>
  <head>
    <title>Headings</title>
  </head>
  <body>
    <h1>This is a Main Heading</h1>
    <h2>This is a Level 2 Heading</h2>
    <h3>This is a Level 3 Heading</h3>
    <h4>This is a Level 4 Heading</h4>
    <h5>This is a Level 5 Heading</h5>
    <h6>This is a Level 6 Heading</h6>
  </body>
```

</html>

## 2.2 BÀI TẬP 2

### 2.2.1 Thời lượng: 15 phút

### 2.2.2 Mô tả bài toán:

#### Paragraphs, Bold and Italic

This is how we make a word appear **bold**.

Inside a product description you might see some **key features** in bold.

This is how we make a word appear *italic*.

It's a potato *Solanum teberosum*.

Captain Cook sailed to Australia on the *Endeavour*.

#### Superscript & Subscript

On the 4<sup>th</sup> of September you will learn about  $E=MC^2$ .

The amount of CO<sub>2</sub> in the atmosphere grew by 2ppm in 2009<sub>1</sub>.

### 2.2.3 Các bước thực hiện:

#### Paragraphs, Bold and Italic

```
<p>This is how we make a word appear <b>bold.</b></p>
<p>Inside a product description you might see some <b>key features</b>
in bold.</p>
```

```
<p>This is how we make a word appear <i>italic</i>.</p>
<p>It's a potato <i>Solanum teberosum</i>.</p>
<p>Captain Cook sailed to Australia on the <i>Endeavour</i>.</p>
```

#### Superscript & Subscript

```
<p>On the 4 <sup>th</sup> of September you will learn about
E=MC<sup>2</sup>.</p>
<p>The amount of CO<sub>2</sub> in the atmosphere grew by 2ppm in
2009<sub>1</sub>.</p>
```



## 2.3 BÀI TẬP 3

### 2.3.1 Thời lượng: 15 phút

### 2.3.2 Mô tả bài toán:

#### Line break

The Earth  
gets one hundred tons heavier every day  
due to falling space dust.

#### Horizontal rules

Venus is the only planet that rotates clockwise.

---

Jupiter is bigger than all the other planets combined.

#### Abbreviations & Acronyms

Đưa chuột vào chữ NASA sẽ hiện chú thích như bên dưới hình

Prof Stephen Hawking is a theoretical physicist and cosmologist.  
NASA do some crazy space stuff.  
National Aeronautics and Space  
Administration

### 2.3.3 Các bước thực hiện:

#### Line break

```
<p>The Earth<br/>gets one hundred tons heavier every day<br/>due to  
falling space dust.</p>
```

#### Horizontal rules

```
<p>Venus is the only planet that rotates clockwise.</p>  
<hr/>  
<p>Jupiter is bigger than all the other planets combined.</p>
```

#### Abbreviations & Acronyms

```
<p><abbr title="Professor">Prof</abbr> Stephen Hawking is a theoretical  
physicist and cosmologist.</p>  
<p><acronym title="National Aeronautics and Space Administration">NASA  
</acronym> do some crazy space stuff.</p>
```

## 2.4 BÀI TẬP 4

### 2.4.1 Thời lượng: 15 phút

### 2.4.2 Mô tả bài toán:

#### Strong

**Beware:** Pickpockets operate in this area.

This toy has many small pieces and is **not suitable for children under five years old.**

#### Cititation

*A Brief History of Time* by Stephen Hawking has sold over ten million copies worldwide.

#### Definition

Did you ever stop to think, and forget to start again?

As A.A. Milne said, "Some people talk to animals. Not many listen though. That's the problem."

### 2.4.3 Các bước thực hiện:

#### Strong

```
<p><strong>Beware:</strong> Pickpockets operate in this area.</p>
<p>This toy has many small pieces and is <strong>not suitable for
children under five years old.</strong></p>
```

#### Cititation

```
<p><cite>A Brief History of Time</cite> by Stephen Hawking has sold over
ten million copies worldwide.</p>
```

#### Definition

```
<blockquote >
  <p>Did you ever stop to think, and forget to start again?</p>
</blockquote>
<p>As A.A. Milne said, <q>Some people talk to animals. Not many listen
though. That's the problem.</q></p>
```

## 2.5 BÀI TẬP 5

2.5.1 Thời lượng: 15 phút

2.5.2 Mô tả bài toán:

Author detail : <address>

[homer@example.org](mailto:homer@example.org)  
742 Evergreen Terrace, Springfield.

Changes to content

It was the ~~worst~~ best idea she had ever had.

Laptop computer:

~~Was \$995~~

Now only \$375

2.5.3 Các bước thực hiện:

Author detail : <address>

```
<address>
  <p><a href="mailto:homer@example.org">homer@example.org</a></p>
  <p>742 Evergreen Terrace, Springfield.</p>
</address>
```

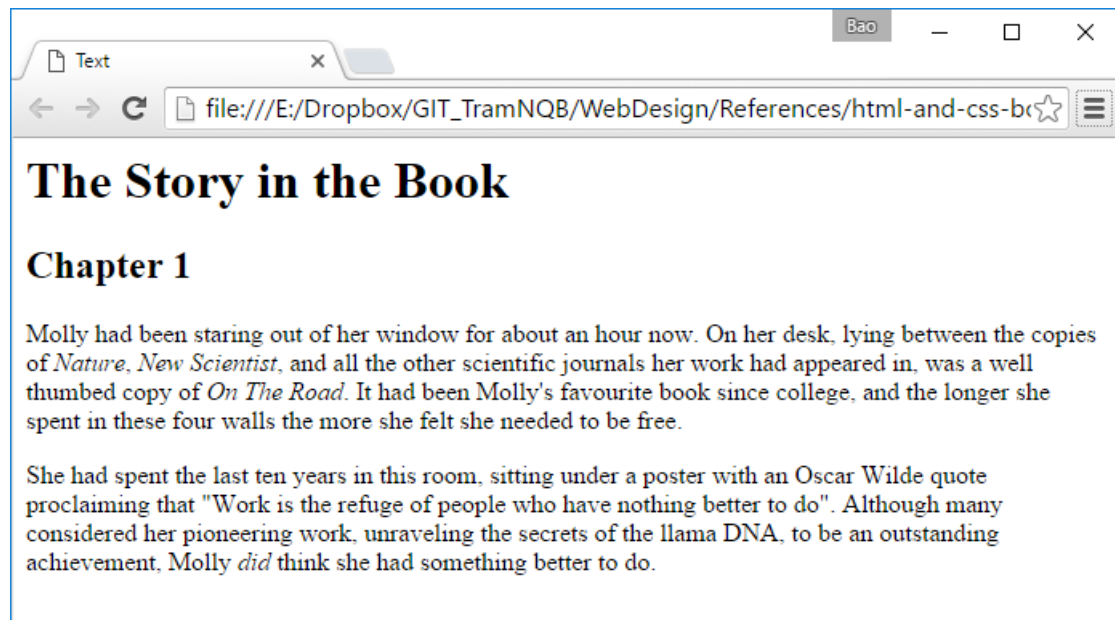
Changes to content

```
<p>It was the <del>worst</del> <ins>best</ins> idea she had ever
had.</p>
<p>Laptop computer:</p>
<p><s>Was $995</s></p>
<p>Now only $375</p>
```

## 2.6 BÀI TẬP 6

2.6.1 Thời lượng: 15 phút

2.6.2 Mô tả bài toán: Review



# LISTS

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## 1 Lý thuyết:

- Numbered lists
- Bullet lists
- Definition lists

## 2 Bài tập thực hành

### 2.1 BÀI TẬP 1

2.1.1 Thời lượng: 15 phút

2.1.2 Mô tả bài toán:

#### Ordered Lists

1. Chop potatoes into quarters
2. Simmer in salted water for 15-20 minutes until tender
3. Heat milk, butter and nutmeg
4. Drain potatoes and mash
5. Mix in the milk mixture

2.1.3 Các bước thực hiện:

```
<ol>
  <li>Chop potatoes into quarters</li>
  <li>Simmer in salted water for 15-20 minutes until tender</li>
  <li>Heat milk, butter and nutmeg</li>
  <li>Drain potatoes and mash</li>
  <li>Mix in the milk mixture</li>
</ol>
```

### 2.2 BÀI TẬP 2

2.2.1 Thời lượng: 15 phút

2.2.2 Mô tả bài toán:

#### Unordered lists

- 1kg King Edward potatoes
- 100ml milk
- 50g salted butter
- Freshly grated nutmeg
- Salt and pepper to taste

### 2.2.3 Các bước thực hiện:

```
<ul>
  <li>1kg King Edward potatoes</li>
  <li>100ml milk</li>
  <li>50g salted butter</li>
  <li>Freshly grated nutmeg</li>
  <li>Salt and pepper to taste</li>
</ul>
```

## 2.3 BÀI TẬP 3

### 2.3.1 Thời lượng: 15 phút

### 2.3.2 Mô tả bài toán:

#### Definition Lists

**Sashimi**  
Sliced raw fish that is served with condiments such as shredded daikon radish or ginger root, wasabi and soy sauce

**Scale**  
A device used to accurately measure the weight of ingredients  
A technique by which the scales are removed from the skin of a fish

**Scamorze**  
**Scamorzo**  
An Italian cheese usually made from whole cow's milk (although it was traditionally made from buffalo milk)

### 2.3.3 Các bước thực hiện:

```
<dl>
  <dt>Sashimi</dt>
  <dd>Sliced raw fish that is served with condiments such as shredded daikon radish or ginger root, wasabi and soy sauce</dd>
  <dt>Scale</dt>
  <dd>A device used to accurately measure the weight of ingredients</dd>
  <dd>A technique by which the scales are removed from the skin of a fish</dd>
  <dt>Scamorze</dt>
  <dt>Scamorzo</dt>
</dl>
```

```
<dd>An Italian cheese usually made from whole cow's milk (although  
it was traditionally made from buffalo milk)</dd>  
</dl>
```

## 2.4 BÀI TẬP 4

### 2.4.1 Thời lượng: 15 phút

### 2.4.2 Mô tả bài toán:

Nest lists

- Mousses
- Pastries
  - Croissant
  - Mille-feuille
  - Palmier
  - Profiterole
- Tarts

### 2.4.3 Các bước thực hiện:

```
<ul>  
  <li>Mousses</li>  
  <li>Pastries</li>  
    <ul>  
      <li>Croissant</li>  
      <li>Mille-feuille</li>  
      <li>Palmier</li>  
      <li>Profiterole</li>  
    </ul>  
  <li>Tarts</li>  
</ul>
```

## 2.5 BÀI TẬP 5

2.5.1 Thời lượng: 15 phút

2.5.2 Mô tả bài toán: Review

### Scrambled Eggs

Eggs are one of my favorite foods. Here is a recipe for deliciously rich scrambled eggs.

#### Ingredients

- 2 eggs
- 1tbs butter
- 2tbs cream

#### Method

1. Melt butter in a frying pan over a medium heat
2. Gently mix the eggs and cream in a bowl
3. Once butter has melted add cream and eggs
4. Using a spatula fold the eggs from the edge of the pan to the center every 20 seconds (as if you are making an omelette)
5. When the eggs are still moist remove from the heat (it will continue to cook on the plate until served)



# LINK

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## 1 Lý thuyết:

- Creating links between pages
- Linking to the other sites
- Email links

## 2 Bài tập thực hành

### 2.1 BÀI TẬP 1

2.1.1 Thời lượng: 15 phút

2.1.2 Mô tả bài toán: Link to the other sites

Movie Reviews:

- [Empire](#)
- [Metacritic](#)
- [Rotten Tomatoes](#)
- [Variety](#)

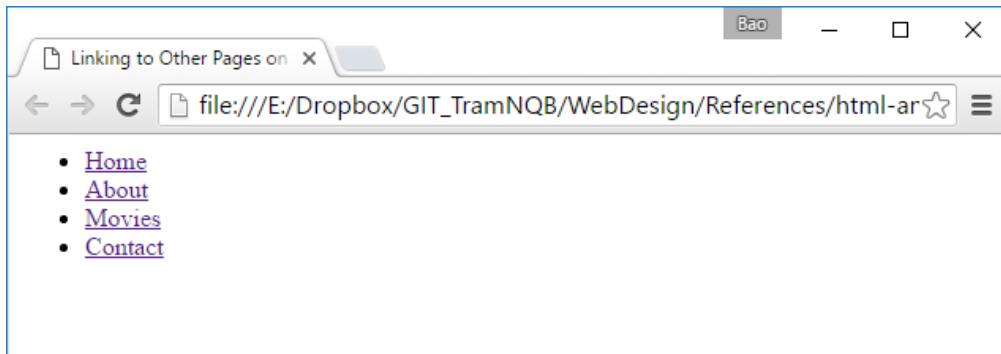
2.1.3 Các bước thực hiện:

```
<p>Movie Reviews:
<ul>
  <li><a href="http://www.empireonline.com">Empire</a></li>
  <li><a href="http://www.metacritic.com">Metacritic</a></li>
  <li><a href="http://www.rottentomatoes.com">Rotten
Tomatoes</a></li>
  <li><a href="http://www.variety.com">Variety</a></li>
</ul>
</p>
```

## 2.2 BÀI TẬP 2

### 2.2.1 Thời lượng: 15 phút

### 2.2.2 Mô tả bài toán: Link to the other pages on the same site



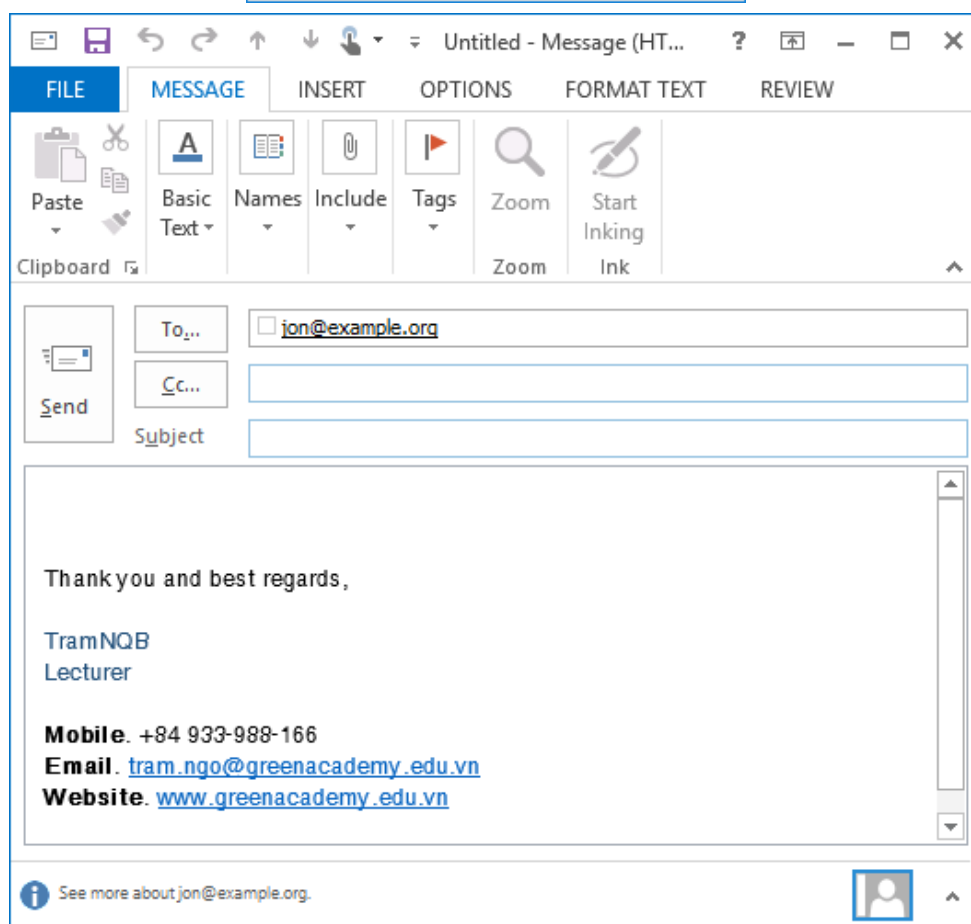
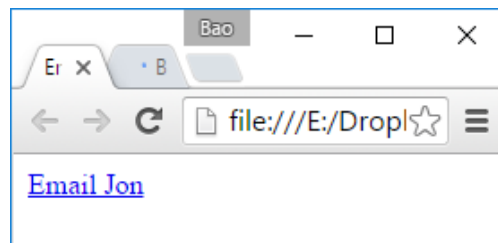
### 2.2.3 Các bước thực hiện:

```
<ul>
    <li><a href="index.html">Home</a></li>
    <li><a href="about-us.html">About</a></li>
    <li><a href="movies.html">Movies</a></li>
    <li><a href="contact.html">Contact</a></li>
</ul>
```

## 2.3 BÀI TẬP 3

### 2.3.1 Thời lượng: 15 phút

### 2.3.2 Mô tả bài toán: Email Link



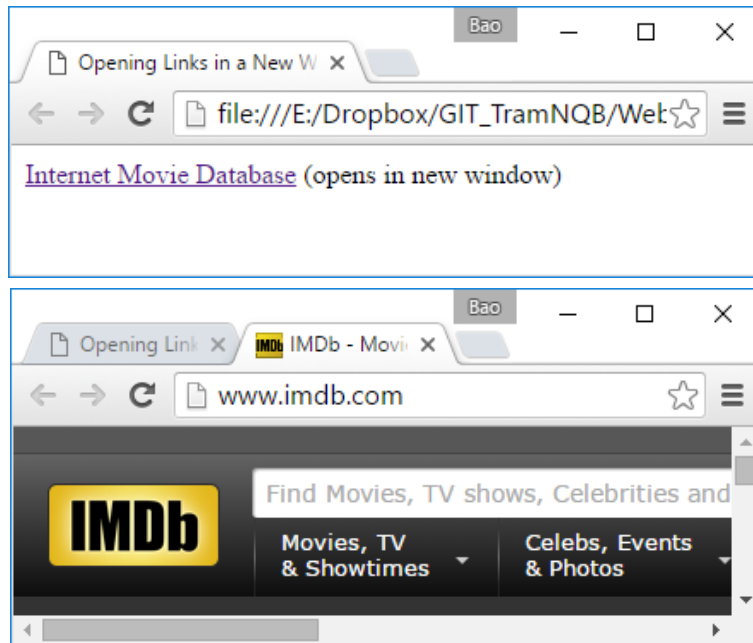
### 2.3.3 Các bước thực hiện:

```
<a href="mailto:jon@example.org">Email Jon</a>
```

## 2.4 BÀI TẬP 4

2.4.1 Thời lượng: 15 phút

2.4.2 Mô tả bài toán: Opening links in a new windows



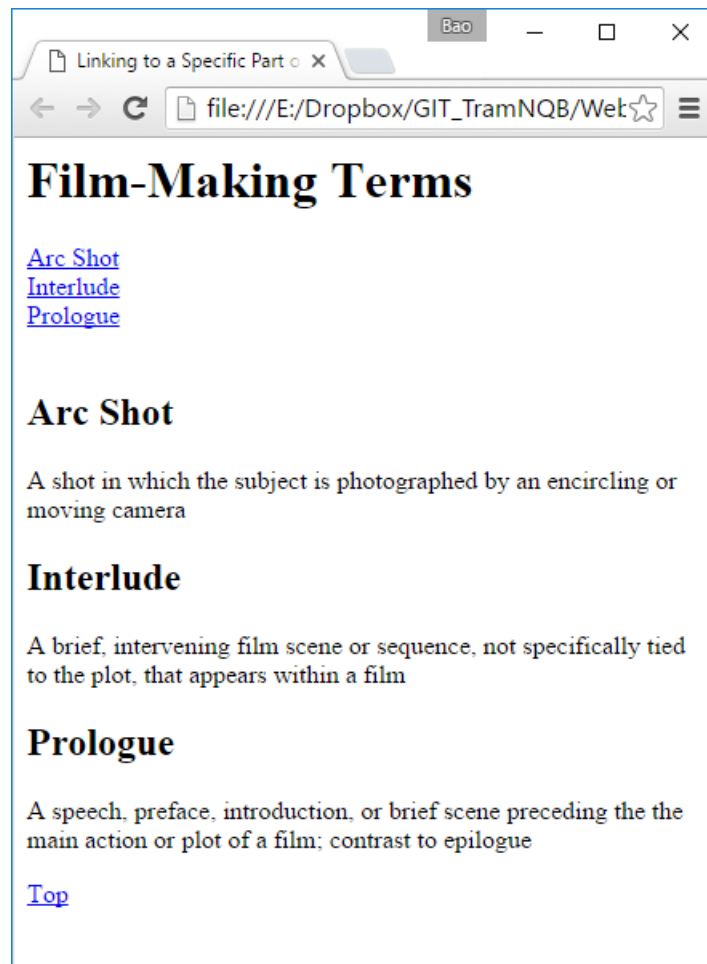
2.4.3 Các bước thực hiện:

```
<p>  
  <a href="http://www.imdb.com" target="_blank">Internet Movie  
  Database</a> (opens in new window)  
</p>
```

## 2.5 BÀI TẬP 5

2.5.1 Thời lượng: 15 phút

2.5.2 Mô tả bài toán: Linking to the specific part of the same page



2.5.3 Các bước thực hiện:

```
<h1 id="top">Film-Making Terms</h1>
  <a href="#arc_shot">Arc Shot</a><br />
  <a href="#interlude">Interlude</a><br />
  <a href="#prologue">Prologue</a><br /><br />
<h2 id="arc_shot">Arc Shot</h2>
<p>A shot in which the subject is photographed by an encircling or
moving camera</p>

<h2 id="interlude">Interlude</h2>
<p>A brief, intervening film scene or sequence, not specifically tied to
the plot, that appears within a film</p>

<h2 id="prologue">Prologue</h2>
<p>A speech, preface, introduction, or brief scene preceding the the
main action or plot of a film; contrast to epilogue</p>
```

```
<p><a href="#top">Top</a></p>
```

# IMAGES

---

## 1 Lý thuyết:

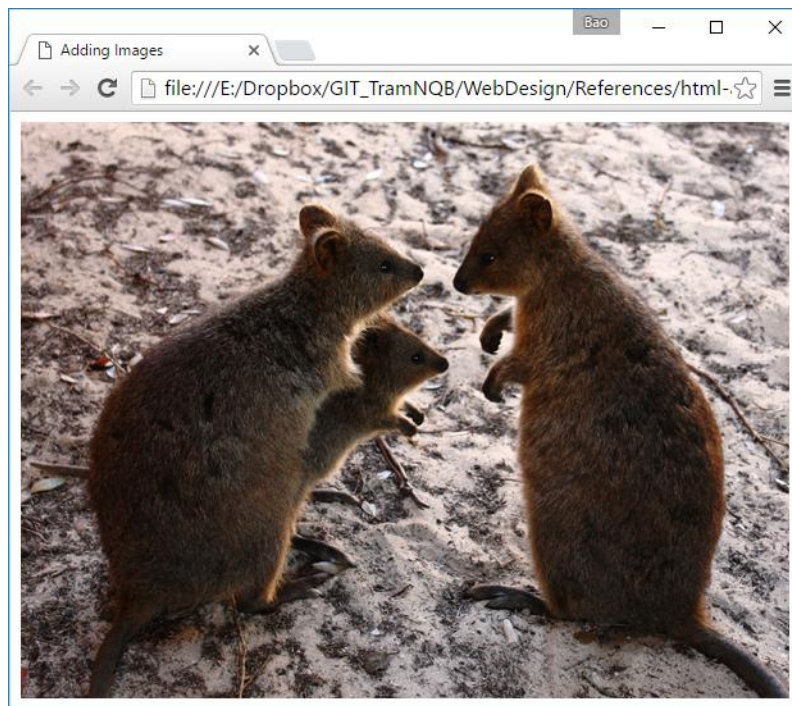
- How to add images to pages
- Choosing the right format
- Optimizing image for the web

## 2 Bài tập thực hành

### 2.1 BÀI TẬP 1

2.1.1 Thời lượng: 15 phút

2.1.2 Mô tả bài toán: Adding Image



2.1.3 Các bước thực hiện:

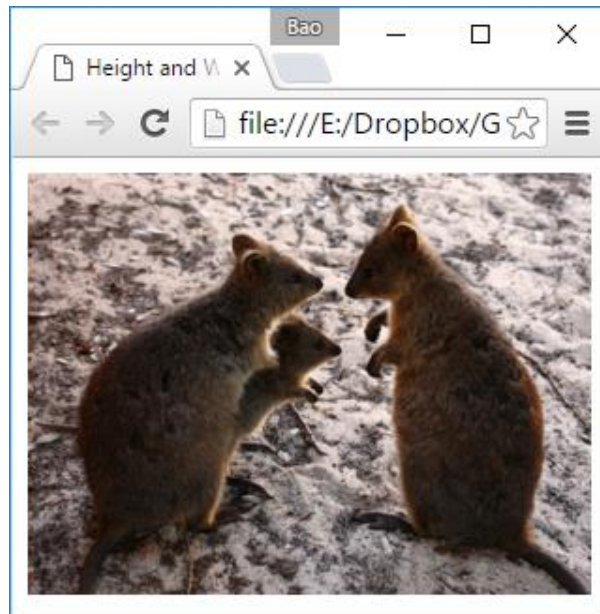
```

```

## 2.2 BÀI TẬP 2

2.2.1 Thời lượng: 15 phút

2.2.2 Mô tả bài toán: Height & Width of images



2.2.3 Các bước thực hiện:

```


```



## 2.3 BÀI TẬP 3


### 2.3.1 Thời lượng: 15 phút

### 2.3.2 Mô tả bài toán: where to place images in your code



There are around 10,000 living species of birds that inhabit different ecosystems from the Arctic to the Antarctic. Many species undertake long distance annual migrations, and many more perform shorter irregular journeys.


---



There are around 10,000 living species of birds that inhabit different ecosystems from the Arctic to the Antarctic. Many species undertake long distance annual migrations, and many more perform shorter irregular journeys.

---

There are around 10,000 living species of birds that inhabit different



ecosystems from the Arctic to the Antarctic. Many species undertake long distance annual migrations, and many more perform shorter irregular journeys.

### 2.3.3 Các bước thực hiện:

```
<div style="width:450">

<p>There are around 10,000 ..... more perform shorter irregular
journeys.</p>

<hr />

<p> There are
around 10,000 living species of birds that ..... irregular journeys.</p>

<hr />
```

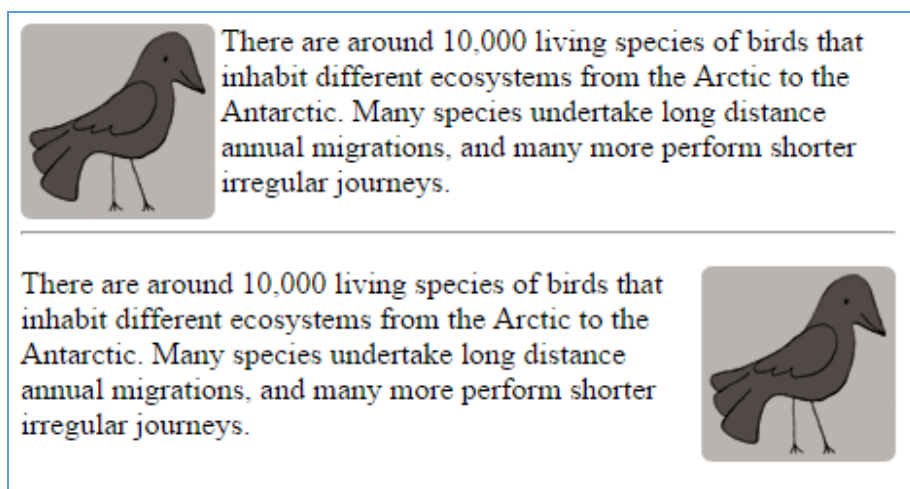
```
<p>There are around 10,000 living species of birds that inhabit
different ecosystems from the Arctic to the Antarctic. Many species undertake
long distance annual migrations, and many more perform shorter irregular
journeys.</p>

</div>
```

## 2.4 BÀI TẬP 4

### 2.4.1 Thời lượng: 15 phút

### 2.4.2 Mô tả bài toán: OLD CODE :Aligning images horizontally




### 2.4.3 Các bước thực hiện:

```
<div style="width:450">
  <p>There are around 10,000 living species of birds that .....
journeys.</p>
<hr />
  <p>There are around 10,000 living species of birds that
inhabit different ecosystems from the Arctic to the Antarctic. Many
species undertake long distance annual migrations, and many more perform
shorter irregular journeys.</p>
</div>
```

## 2.5 BÀI TẬP 5

### 2.5.1 Thời lượng: 15 phút


### 2.5.2 Mô tả bài toán: OLD CODE : Aligning images vertically



There are around 10,000 living species of birds that

inhabit different ecosystems from the Arctic to the Antarctic. Many species undertake long distance annual migrations, and many more perform shorter irregular journeys.


---



There are around 10,000 living species of birds that

inhabit different ecosystems from the Arctic to the Antarctic. Many species undertake long distance annual migrations, and many more perform shorter irregular journeys.

---



There are around 10,000 living species of birds that

inhabit different ecosystems from the Arctic to the Antarctic. Many species undertake long distance annual migrations, and many more perform shorter irregular journeys.

### 2.5.3 Các bước thực hiện:

```
<div style="width:450">
  <p> There are around 10,000 ..... irregular journeys.</p>
  <hr />
  <p> There are around 10,000 ..... irregular journeys.</p>
  <hr />
  <p> There are around 10,000 ..... irregular journeys.</p>
</div>
```

## 2.6 BÀI TẬP 6

### 2.6.1 Thời lượng: 15 phút

### 2.6.2 Mô tả bài toán: Figure and Figure Caption



### 2.6.3 Các bước thực hiện:

```
<figure>  
  
<br />  
<figcaption>Sea otters hold hands when they sleep so they don't drift  
away from each other.</figcaption>  
</figure>
```

## 2.7 BÀI TẬP 7

2.7.1 Thời lượng: 15 phút

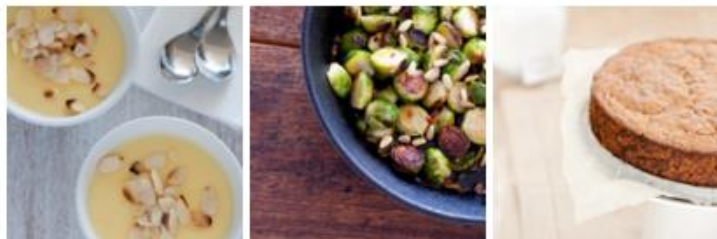
2.7.2 Mô tả bài toán: Review

### From A to Zucchini



This recipe for individual chocolate cakes is so simple and so delectable!

More Recipes:



2.7.3 Các bước thực hiện:

```
<h1>
<figure>

<p>
<figcaption>
This recipe for individual chocolate cakes is so simple and so
delectable!
</figcaption>
</p>
</figure>
```

```
<h4>More Recipes:</h4>
<p>



</p>
```

# TABLE

---

## 1 Lý thuyết:

- How to create table
- What information suits tables
- How to represent complex data in table

## 2 Bài tập thực hành

### 2.1 BÀI TẬP 1

#### 2.1.1 Thời lượng: 15 phút

#### 2.1.2 Mô tả bài toán: Basic table structure

15	15	30
45	60	45
60	90	90

#### 2.1.3 Các bước thực hiện:

```
<table>
  <tr>
    <td>15</td>
    <td>15</td>
    <td>30</td>
  </tr>
  <tr>
    <td>45</td>
    <td>60</td>
    <td>45</td>
  </tr>
  <tr>
    <td>60</td>
    <td>90</td>
    <td>90</td>
  </tr>
</table>
```

## 2.2 BÀI TẬP 2

### 2.2.1 Thời lượng: 15 phút

### 2.2.2 Mô tả bài toán: Table heading

	Saturday	Sunday
<b>Tickets sold:</b>	120	135
<b>Total sales:</b>	\$600	\$675

### 2.2.3 Các bước thực hiện:

```
<table>
  <tr>
    <th></th>
    <th>Saturday</th>
    <th>Sunday</th>
  </tr>
  <tr>
    <th>Tickets sold:</th>
    <td>120</td>
    <td>135</td>
  </tr>
  <tr>
    <th>Total sales:</th>
    <td>$600</td>
    <td>$675</td>
  </tr>
</table>
```

## 2.3 BÀI TẬP 3

### 2.3.1 Thời lượng: 15 phút

### 2.3.2 Mô tả bài toán: Spanning columns

	9am	10am	11am	12am
<b>Monday</b>	Geography	Math	Art	
<b>Tuesday</b>	Gym			Home Ec

### 2.3.3 Các bước thực hiện:

```
<table border="1">
  <tr>
    <th></th>
    <th>9am</th>
    <th>10am</th>
    <th>11am</th>
```



```

        <th>12am</th>
    </tr>
    <tr>
        <th>Monday</th>
        <td colspan="2">Geography</td>
        <td>Math</td>
        <td>Art</td>
    </tr>
    <tr>
        <th>Tuesday</th>
        <td colspan="3">Gym</td>
        <td>Home Ec</td>
    </tr>
</table>

```

## 2.4 BÀI TẬP 4

### 2.4.1 Thời lượng: 15 phút

### 2.4.2 Mô tả bài toán: Spanning rows

	ABC	BBC	CNN
6pm - 7pm	Movie	Comedy	News
7pm - 8pm		Sport	Current Affairs

### 2.4.3 Các bước thực hiện:

```

<table border="1">
    <tr>
        <th></th>
        <th>ABC</th>
        <th>BBC</th>
        <th>CNN</th>
    </tr>
    <tr>
        <th>6pm - 7pm</th>
        <td rowspan="2">Movie</td>
        <td>Comedy</td>
        <td>News</td>
    </tr>
    <tr>
        <th>7pm - 8pm</th>
        <td>Sport</td>
        <td>Current Affairs</td>
    </tr>
</table>

```

## 2.5 BÀI TẬP 5

2.5.1 Thời lượng: 15 phút

2.5.2 Mô tả bài toán: Old code : width & spacing

	Withdrawn	Credit	Balance
January	250.00	660.50	410.50
February	135.55	895.20	1170.15

2.5.3 Các bước thực hiện:

```
<table width="400" cellpadding="10" cellspacing="5">
  <tr>
    <th width="150"></th>
    <th>Withdrawn</th>
    <th>Credit</th>
    <th width="150">Balance</th>
  </tr>
  <tr>
    <th>January</th>
    <td>250.00</td>
    <td>660.50</td>
    <td>410.50</td>
  </tr>
  <tr>
    <th>February</th>
    <td>135.55</td>
    <td>895.20</td>
    <td>1170.15</td>
  </tr>
</table>
```

## 2.6 BÀI TẬP 6

2.6.1 Thời lượng: 15 phút

2.6.2 Mô tả bài toán: Old code : border & background

	Withdrawn	Credit	Balance
January	250.00	660.50	410.50
February	135.55	895.20	1170.15

2.6.3 Các bước thực hiện:

```
<table border="2" bgcolor="#efefef">
  <tr>
    <th width="150"></th>
```

```

        <th>Withdrawn</th>
        <th>Credit</th>
        <th width="150" bgcolor="#cccccc">Balance</th>
    </tr>
    <tr>
        <th>January</th>
        <td>250.00</td>
        <td>660.50</td>
        <td bgcolor="#cccccc">410.50</td>
    </tr>
    <tr>
        <th>February</th>
        <td>135.55</td>
        <td>895.20</td>
        <td bgcolor="#cccccc">1170.15</td>
    </tr>
</table>

```

## 2.7 BÀI TẬP 7

### 2.7.1 Thời lượng: 15 phút

### 2.7.2 Mô tả bài toán: Review

	Home starter hosting	Premium business hosting
<b>Disk space</b>	250mb	1gb
<b>Bandwidth</b>	5gb per month	50gb per month
<b>Email accounts</b>	3	10
<b>Server</b>	Shared	VPS
<b>Support</b>	Email	Telephone and email
<b>Setup</b>	Free	Free
<b>FTP accounts</b>	1	5
Sign up now and save 10%!		

# FORMS

---

## 1 Lý thuyết:

- How to collect information from visitors
- Different kinds of form controls
- New HTML5 form controls

## 2 Bài tập thực hành

### 2.1 BÀI TẬP 1

2.1.1 Thời lượng: 15 phút

2.1.2 Mô tả bài toán: Form structure

This is where the form controls will appear.

2.1.3 Các bước thực hiện:

```
<form>
  <p>This is where the form controls will appear.</p>
</form>
```

### 2.2 BÀI TẬP 2

2.2.1 Thời lượng: 15 phút

2.2.2 Mô tả bài toán:

**Text input & password**

Username:

Password:

```
<form>
<p>Username:
<input type="text" name="username" size="15" maxlength="30" />
</p>

<p>Password:
<input type="password" name="password" size="15" maxlength="30" />
</p>
</form>
```

## Textarea

What did you think of this gig?

Enter your  
comments...

```
<form>
<p>What did you think of this gig?</p>
<textarea cols="20" rows="4">Enter your comments...</textarea>
</form>
```

## 2.3 BÀI TẬP 3

### 2.3.1 Thời lượng: 15 phút

### 2.3.2 Mô tả bài toán:

Radio button

Please select your favorite genre:

☒ Rock ☐ Pop ☐ Jazz

```
<form>
<p>Please select your favorite genre:
<br />
<input type="radio" name="genre" value="rock" checked/> Rock
<input type="radio" name="genre" value="pop" /> Pop
<input type="radio" name="genre" value="jazz" /> Jazz
</p>
</form>
```

## Check box

Please select your favorite music service(s):

☒ iTunes ☐ Last.fm ☐ Spotify

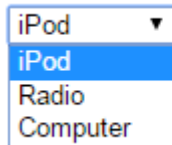
```
<form>
<p>Please select your favorite music service(s):
<br />
<input type="checkbox" name="service1" value="itunes" checked/> iTunes
<input type="checkbox" name="service2" value="lastfm" /> Last.fm
<input type="checkbox" name="service3" value="spotify" /> Spotify
</p>
</form>
```

## 2.4 BÀI TẬP 4

**2.4.1 Thời lượng: 15 phút**

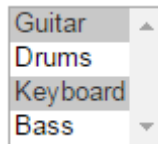
**2.4.2 Mô tả bài toán:**

**Drop down list box**



```
<form>
<p>What device do you listen to music on?</p>
<select name="devices">
  <option value="ipod">iPod</option>
  <option value="radio">Radio</option>
  <option value="computer">Computer</option>
</select>
</form>
```

**Multiple select box**



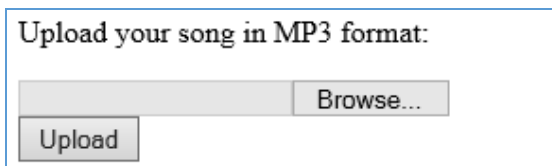
```
<select name="instruments" size="3" multiple>
  <option value="guitar" selected >Guitar</option>
  <option value="drums">Drums</option>
  <option value="keyboard" selected >Keyboard</option>
  <option value="bass">Bass</option>
</select>
```

## 2.5 BÀI TẬP 5

**2.5.1 Thời lượng: 15 phút**

**2.5.2 Mô tả bài toán:**

**File input box**



```
<form >
  <p>Upload your song in MP3 format:</p>
```

```
<input type="file" name="usersong" /><br />
<input type="submit" value="Upload" />
</form>
```

### Submit button

Subscribe to our email list:

```
<form action="http://www.google.com" >
  <p>Subscribe to our email list:</p>
  <input type="text" name="email" />
  <input type="submit" name="subscribe" value="Subscribe" />
</form>
```

### Image button

Subscribe to our email list:

```
<form>
  <p>Subscribe to our email list:</p>
  <input type="text" name="email" />
  <input type="image" src="images/subscribe.jpg" width="100"
height="20" />
</form>
```

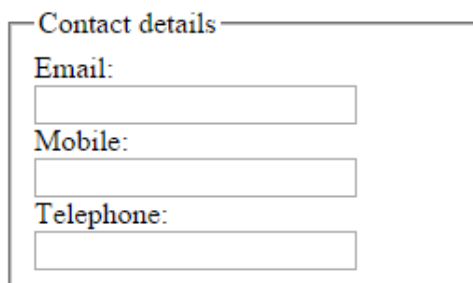
### Button & Hidden controls

```
<form>
<button> Add</button>
<input type="hidden" name="bookmark" value="lyrics" />
</form>
```

## 2.6 BÀI TẬP 6

### 2.6.1 Thời lượng: 15 phút

### 2.6.2 Mô tả bài toán: Grouping form elements



Contact details

Email:

Mobile:

Telephone:

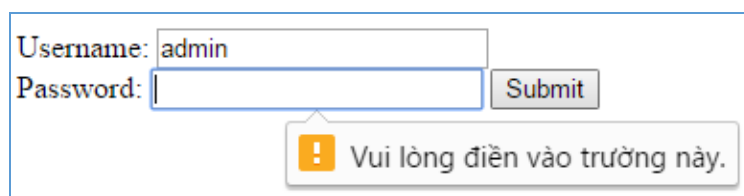
### 2.6.3 Các bước thực hiện:

```
<fieldset>
<legend>Contact details</legend>
  <label>Email:<br/><input type="text" name="email"/></label><br/>
  <label>Mobile:<br/><input type="text" name="mobile"/></label><br/>
  <label>Telephone:<br/><input type="text" name="telephone"/></label>
</fieldset>
```

## 2.7 BÀI TẬP 7

### 2.7.1 Thời lượng: 15 phút

### 2.7.2 Mô tả bài toán: HTML5- Form validation



Username:

Password:

! Vui lòng điền vào trường này.

### 2.7.3 Các bước thực hiện:

```
<form action="" method="">

<label for="username">Username:</label>
<input type="text" name="username" id="username" required /><br />

<label for="password">Password:</label>
<input type="password" name="password" id="password" required />

<input type="submit" value="Submit" />

</form>
```

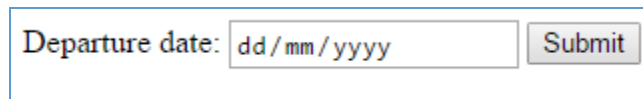


## 2.8 BÀI TẬP 8

### 2.8.1 Thời lượng: 15 phút

### 2.8.2 Mô tả bài toán: HTML5

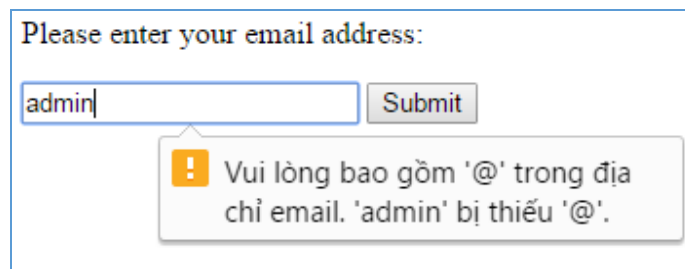
#### Date Input



Departure date:

```
<form action="" method="post">
  <label>Departure date:</label>
  <input type="date" name="depart" />
  <input type="submit" value="Submit" />
</form>
```

#### Email Input

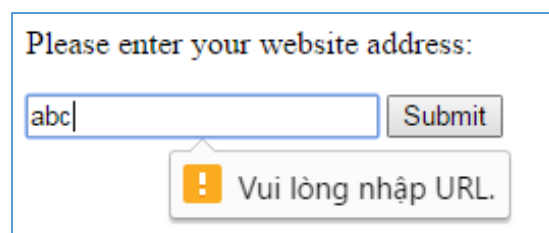


Please enter your email address:

! Vui lòng bao gồm '@' trong địa chỉ email. 'admin' bị thiếu '@'.

```
<form >
  <p>Please enter your email address:</p>
  <input type="email" name="email" />
  <input type="submit" value="Submit" />
</form>
```

#### URL Input



Please enter your website address:

! Vui lòng nhập URL.

```
<form >
  <p>Please enter your website address:</p>
  <input type="url" name="website" />
  <input type="submit" value="Submit" />
</form>
```

#### Search Input

Search:

```
<form >
  <p>Search:</p>
  <input type="search" name="search" />
  <input type="submit" value="Search" />
</form>
```

## Placeholder

Search:

```
<form action="">
  Search:<br />
  <input type="search" name="search" placeholder="Enter keyword" />
  <input type="submit" value="Search" />
</form>
```

## 2.9 BÀI TẬP 9

### 2.9.1 Thời lượng: 15 phút

### 2.9.2 Mô tả bài toán: Review

Your Details:
 

Name: 
 Email:

Your Review:
 

How did you hear about us?

Would you visit again?
 

☐ Yes
 ☐ No
 ☐ Maybe

Comments:

☒ Sign me up for email updates

# FLASH, VIDEO & AUDIO

---

## 1 Lý thuyết:

- How to add Flash movies into your site
- How to add video and audio to your site
- HTML5 <video> and <audio> elements

## 2 Bài tập thực hành

### 2.1 BÀI TẬP 1

#### 2.1.1 Thời lượng: 15 phút

#### 2.1.2 Mô tả bài toán: Adding a flash movie to your web page



#### 2.1.3 Các bước thực hiện:

```
<!DOCTYPE html>
<html>
<head>
  <title>Adding a Flash Movie</title>
<script
src="http://ajax.googleapis.com/ajax/libs/swfobject/2.2/swfobject.js">
</script>
<script >
swfobject.embedSWF("flash/bird.swf", "bird", "400", "300", "8.0.0");
</script>
```

```
</head>
<body>
  <div id="bird">
    <p>An animation of a bird taking a shower</p>
  </div>
</body>
</html>
```

## 2.2 BÀI TẬP 2

### 2.2.1 Thời lượng: 15 phút

### 2.2.2 Mô tả bài toán: Adding video to your pages



### 2.2.3 Các bước thực hiện:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Adding HTML5 Video</title>
  </head>
  <body>
    <video src="video/puppy.mp4"
           poster="images/puppy.jpg"
           width="400" height="300"
           preload
           controls
           loop>
      <p>A video of a puppy playing in the snow</p>
    </video>
  </body>
</html>
```

## 2.3 BÀI TẬP 3

2.3.1 Thời lượng: 15 phút

2.3.2 Mô tả bài toán: Multiple video source



2.3.3 Các bước thực hiện:

```
<!DOCTYPE html>
<html>
<head>
  <title>Multiple Video Sources</title>
</head>
<body>

<video poster="images/puppy.jpg" width="400" height="320" preload
controls loop>
  <source src="video/puppy.mp4" type='video/mp4; codecs="avc1.42E01E,
mp4a.40.2"' />
  <source src="video/puppy.webm" type='video/webm; codecs="vp8,
vorbis"' />
  <p>A video of a puppy playing in the snow</p>
</video>

</body>
</html>
```

## 2.4 BÀI TẬP 4

2.4.1 Thời lượng: 15 phút

2.4.2 Mô tả bài toán: Adding html5 audio to your pages



### 2.4.3 Các bước thực hiện:

```
<!DOCTYPE html>
<html>
<head>
  <title>Adding HTML5 Audio</title>
</head>
<body>
  <audio src="audio/test-audio.ogg" controls autoplay>
    <p>This browser does not support our audio format.</p>
  </audio>
</body>
</html>
```

## 2.5 BÀI TẬP 5

### 2.5.1 Thời lượng: 15 phút

### 2.5.2 Mô tả bài toán: Multiple audio sources



### 2.5.3 Các bước thực hiện:

```
<!DOCTYPE html>
<html>
<head>
  <title>Multiple Audio Sources</title>
</head>
<body>
  <audio controls autoplay>
    <source src="audio/test-audio.ogg" />
    <source src="audio/test-audio.mp3" />
    <p>This browser does not support our audio format.</p>
  </audio>
</body>
</html>
```

# INTRODUCING CSS

---

## 1 Lý thuyết:

- What CSS does
- How CSS works
- Rules, properties, and values

## 2 Bài tập thực hành

### 2.1 BÀI TẬP 1

#### 2.1.1 Thời lượng: 15 phút

#### 2.1.2 Mô tả bài toán: Using External CSS

## Potatoes

There are dozens of different potato varieties. They are usually described as early, second early and maincrop potatoes.

#### 2.1.3 Các bước thực hiện:

##### baitap1.html

```
<!DOCTYPE html>
<html>
<head>
  <title>Using External CSS</title>
  <link href="styles.css" type="text/css" rel="stylesheet" />
</head>
<body>
  <h1>Potatoes</h1>
  <p>There are dozens of different potato varieties. They are usually
described as early, second early and maincrop potatoes.</p>
</body>
</html>
```

##### styles.css

```
body {
  font-family: arial;
  background-color: rgb(185,179,175); }
```

```
h1 {  
  color: rgb(255,255,255);}
```

## 2.2 BÀI TẬP 2

2.2.1 Thời lượng: 15 phút

2.2.2 Mô tả bài toán: Using Internal CSS

### Potatoes

There are dozens of different potato varieties. They are usually described as early, second early and maincrop potatoes.

2.2.3 Các bước thực hiện:

```
<!DOCTYPE html>  
<html>  
<head>  
  <title>Using Internal CSS</title>  
  <style>  
    body {  
      font-family: arial;  
      background-color: rgb(185,179,175);}  
    h1 {  
      color: rgb(255,255,255);}  
    }  
  </style>  
</head>  
<body>  
  <h1>Potatoes</h1>  
  <p>There are dozens of different potato varieties. They are usually  
described as early, second early and maincrop potatoes.</p>  
</body>  
</html>
```

## 2.3 BÀI TẬP 3

2.3.1 Thời lượng: 15 phút

2.3.2 Mô tả bài toán: How CSS Rules Cascade

### Potatoes

There are *dozens* of different *potato* varieties.

They are usually described as early, second early and maincrop potatoes.



### 2.3.3 Các bước thực hiện:

```
<!DOCTYPE html>
<html>
<head>
  <title>How CSS Rules Cascade</title>
  <style>
    * {
      font-family: Arial, Verdana, sans-serif;}
    h1 {
      font-family: "Courier New", Courier, monospace;}
    i {
      color: green;}
    i {
      color: red;}
    b {
      color: pink;}
    p b {
      color: blue !important;}
    p b {
      color: violet;}
    p#intro {
      font-size: 100%;}
    p {
      font-size: 75%;}
  </style>
</head>
<body>
  <h1>Potatoes</h1>
  <p id="intro">There are <i>dozens</i> of different <b>potato</b>
varieties.</p>
  <p>They are usually described as early, second early and maincrop
potatoes.</p>
</body>
</html>
```

## 2.4 BÀI TẬP 4

### 2.4.1 Thời lượng: 15 phút

### 2.4.2 Mô tả bài toán: Inheritance

## Potatoes

There are dozens of different potato varieties.

They are usually described as early, second early and maincrop potatoes.

### 2.4.3 Các bước thực hiện:

```
<!DOCTYPE html>
<html>
<head>
    <title>Inheritance</title>
    <style>
        body {
            font-family: Arial, Verdana, sans-serif;
            color: #665544;
            padding: 10px;}
        .page {
            border: 1px solid #665544;
            background-color: #efefef;
            padding: inherit;}
    </style>
</head>
<body>
    <div class="page">
        <h1>Potatoes</h1>
        <p>There are dozens of different potato varieties.</p>
        <p>They are usually described as early, second early and
maincrop potatoes.</p>
    </div>
</body>
</html>
```

## 2.5 BÀI TẬP 5

### 2.5.1 Thời lượng: 15 phút

### 2.5.2 Mô tả bài toán: Review

## From Garden to Plate

A *potager* is a French term for an ornamental vegetable or kitchen garden. Often flowers (edible and non-edible) and herbs are planted with the vegetables to enhance the garden's beauty. The goal is to make the function of providing food aesthetically pleasing.

## What to Plant

Plants are chosen as much for their functionality as for their color and form. Many are trained to grow upward. A well-designed potager can provide food, cut flowers and herbs for the home with very little maintenance. Potagers can disguise their function of providing for a home in a wide array of forms - from the carefree style of the cottage garden to the formality of a knot garden.

# COLOR

---

## 1 Lý thuyết:

- How to specify colors
- Color terminology and contrast
- Background color

## 2 Bài tập thực hành

### 2.1 BÀI TẬP 1

#### 2.1.1 Thời lượng: 15 phút

#### 2.1.2 Mô tả bài toán: Foreground Color

### Marine Biology

#### The Composition of Seawater

Almost anything can be found in seawater. This includes dissolved materials from Earth's crust as well as materials released from organisms. The most important components of seawater that influence life forms are salinity, temperature, dissolved gases (mostly oxygen and carbon dioxide), nutrients, and pH. These elements vary in their composition as well as in their influence on marine life.

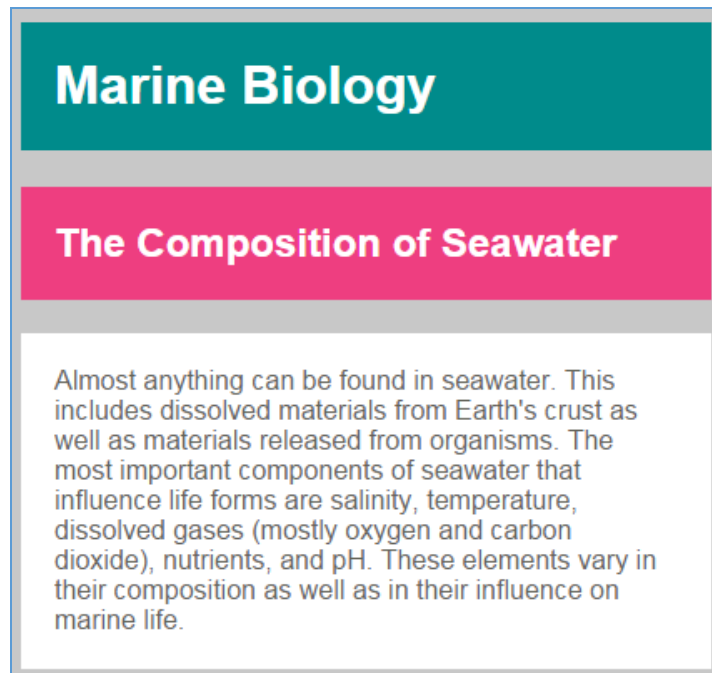
#### 2.1.3 Các bước thực hiện:

```
<style type="text/css">
body {
    padding: 20px;
    font-family: Arial, Verdana, sans-serif;}
h1 {
    color: DarkCyan;}
h2 {
    color: #ee3e80;}
p {
    color: rgb(100,100,90);}
</style>
```

## 2.2 BÀI TẬP 2

### 2.2.1 Thời lượng: 15 phút

### 2.2.2 Mô tả bài toán: Background Color



### 2.2.3 Các bước thực hiện:

```
<style >

    body {
        background-color: rgb(200,200,200);
        color: white;
        padding: 20px;
        font-family: Arial, Verdana, sans-serif;}

    h1 {
        background-color: DarkCyan;
        padding: inherit;}

    h2 {
        background-color: #ee3e80;
        padding: inherit;}

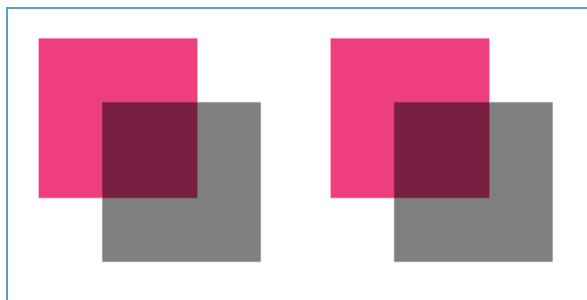
    p {
        background-color: white;
        color: rgb(100,100,90);
        padding: inherit;}

</style>
```

## 2.3 BÀI TẬP 3

### 2.3.1 Thời lượng: 15 phút

### 2.3.2 Mô tả bài toán: Opacity, rgba



Các bước thực hiện:

```
<style>
  div {
    width: 100px;
    height: 100px;
    margin: 40px;
    display: inline-block;
    background-color: #ee3e80;}

  p {
    width: 100px;
    height: 100px;
    position: relative;
    top: 20px;
    left: 20px;
    margin: 20px;

  }
  p.one {
    background-color: rgb(0,0,0);
    opacity: 0.5;}
  p.two {
    background-color: rgb(0,0,0);
    background-color: rgba(0,0,0,0.5);}

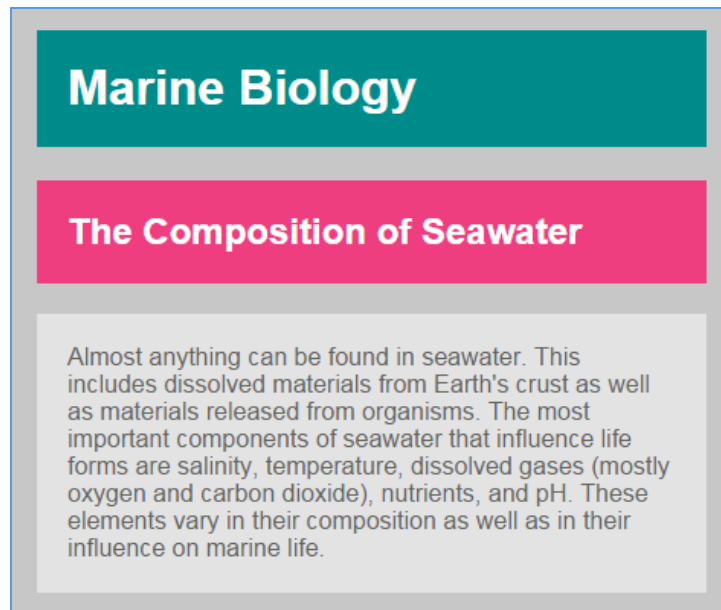
</style>
```

```
<body>
  <div><p class="one"></p></div>
  <div><p class="two"></p></div>
</body>
```

## 2.4 BÀI TẬP 4

### 2.4.1 Thời lượng: 15 phút

### 2.4.2 Mô tả bài toán: HSL & HSLA color



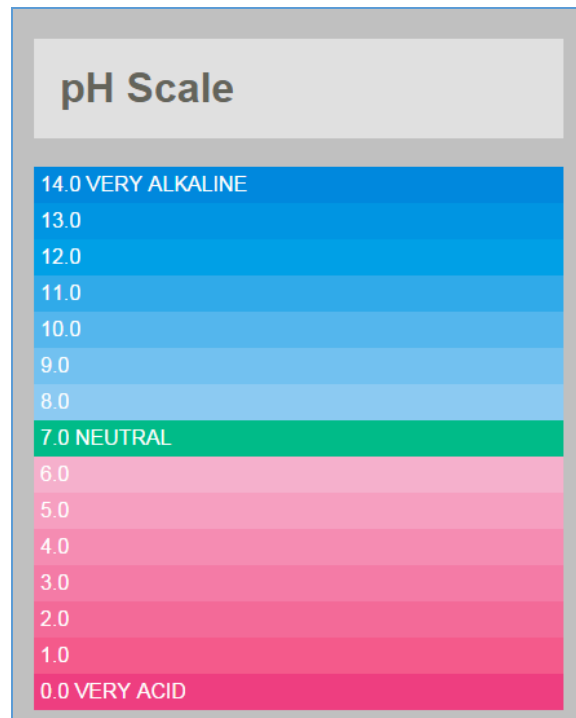
### 2.4.3 Các bước thực hiện:

```
<style>
    body {
        background-color: #C8C8C8;
        background-color: hsl(0, 0%, 78%);
        color: white;
        padding: 20px;
        font-family: Arial, Verdana, sans-serif;}
    h1 {
        background-color: DarkCyan;
        padding: inherit;}
    h2 {
        background-color: #ee3e80;
        padding: inherit;}
    p {
        background-color: #ffffff;
        background-color: hsla(0,100%,100%,0.5);
        color: #64645A;
        padding: inherit;}
</style>
```

## 2.5 BÀI TẬP 5

2.5.1 Thời lượng: 15 phút

2.5.2 Mô tả bài toán: Review



2.5.3 Các bước thực hiện:

```
<style >
  body {
    background-color: silver;
    color: white;
    padding: 20px;
    font-family: Arial, Verdana, sans-serif;}

  h1 {
    background-color: #ffffff;
    background-color: hsla(0,100%,100%,0.5);
    color: #64645A;
    padding: inherit;}

  p {
    padding: 5px;
    margin: 0px;}

  p.zero {
    background-color: rgb(238,62,128);}
  p.one {
    background-color: rgb(244,90,139);}
  p.two {
    background-color: rgb(243,106,152);}
  p.three {
    background-color: rgb(244,123,166);}
  p.four {
    background-color: rgb(245,140,178);}
```

```
p.five {  
    background-color: rgb(246,159,192);}  
p.six {  
    background-color: rgb(245,176,204);}  
p.seven {  
    background-color: rgb(0,187,136);}  
p.eight {  
    background-color: rgb(140,202,242);}  
p.nine {  
    background-color: rgb(114,193,240);}  
p.ten {  
    background-color: rgb(84,182,237);}  
p.eleven {  
    background-color: rgb(48,170,233);}  
p.twelve {  
    background-color: rgb(0,160,230);}  
p.thirteen {  
    background-color: rgb(0,149,226);}  
p.fourteen {  
    background-color: rgb(0,136,221);}  
}
```

```
<body>  
    <h1>pH Scale</h1>  
    <p class="fourteen">14.0 VERY ALKALINE</p>  
    <p class="thirteen">13.0</p>  
    <p class="twelve">12.0</p>  
    <p class="eleven">11.0</p>  
    <p class="ten">10.0</p>  
    <p class="nine">9.0</p>  
    <p class="eight">8.0</p>  
    <p class="seven">7.0 NEUTRAL</p>  
    <p class="six">6.0</p>  
    <p class="five">5.0</p>  
    <p class="four">4.0</p>  
    <p class="three">3.0</p>  
    <p class="two">2.0</p>  
    <p class="one">1.0</p>  
    <p class="zero">0.0 VERY ACID</p>  
</body>
```



# TEXT

---

## 1 Lý thuyết:

- Size and typeface of text
- Bold, italic, capitals, underlines
- Spacing between lines, word, and letters

## 2 Bài tập thực hành

### 2.1 BÀI TẬP 1

2.1.1 Thời lượng: 15 phút

2.1.2 Mô tả bài toán: font-family

### Briards

by Ivy Duckett

The [briard](#), or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

### Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

2.1.3 Các bước thực hiện:

```
<style >
  body {
    font-family: Georgia, Times, serif;}
  h1, h2 {
    font-family: Arial, Verdana, sans-serif;}
  credits {
    font-family: "Courier New", Courier, monospace;}
</style>
```

```
<body>
    <h1>Briards</h1>
    <p class="credits">by Ivy Duckett</p>
    <p>The briard.....</p>
    <h2>Breed History</h2>
    <p>The briard.....</p>
</body>
```

## 2.2 BÀI TẬP 2

### 2.2.1 Thời lượng: 15 phút

### 2.2.2 Mô tả bài toán: font- size

#### Briards

by Ivy Duckett

The [briard](#), or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

#### Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

### 2.2.3 Các bước thực hiện:

```
<style >
    body {
        font-family: Arial, Verdana, sans-serif;
        font-size: 12px;}

    h1 {
        font-size: 200%;}

    h2 {
        font-size: 1.3em;}
</style>
```

## 2.3 BÀI TẬP 3

2.3.1 Thời lượng: 15 phút

2.3.2 Mô tả bài toán: @font-face

### Briards

by Ivy Duckett

The [briard](#), or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

### Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

2.3.3 Các bước thực hiện:

```
<style >
  @font-face {
    font-family: 'ChunkFiveRegular';
    src: url('fonts/chunkfive.eot');}

  h1, h2 {
    font-family: ChunkFiveRegular, Georgia, serif;}
</style>
```

## 2.4 BÀI TẬP 4

### 2.4.1 Thời lượng: 15 phút

### 2.4.2 Mô tả bài toán: font-weight

#### **Briards**

by Ivy Duckett

The [briard](#), or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

#### **Breed History**

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

### 2.4.3 Các bước thực hiện:

```
<style>
    .credits {
        font-weight: bold;
    }
</style>
```

## 2.5 BÀI TẬP 5

2.5.1 Thời lượng: 15 phút

2.5.2 Mô tả bài toán: font-style

### Briards

*by Ivy Duckett*

The [briard](#), or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

### Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

2.5.3 Các bước thực hiện:

```
<style>
    .credits {
        font-style: italic;
    }
</style>
```

## 2.6 BÀI TẬP 6

### 2.6.1 Thời lượng: 15 phút

### 2.6.2 Mô tả bài toán: text-transform

# BRIARDS

By Ivy Duckett

The [briard](#), or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

## breed history

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

### 2.6.3 Các bước thực hiện:

```
<style >
    h1 {
        text-transform: uppercase;}
    h2 {
        text-transform: lowercase;}
    .credits {
        text-transform: capitalize;}
</style>
```

## 2.7 BÀI TẬP 7

### 2.7.1 Thời lượng: 15 phút

### 2.7.2 Mô tả bài toán: text-decoration

#### Briards

by Ivy Duckett

The **briard**, or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

#### Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

### 2.7.3 Các bước thực hiện:

```
<style >
  .credits {
    text-decoration: underline;}
    a {
    text-decoration: none;}
</style>
```

## 2.8 BÀI TẬP 8

2.8.1 Thời lượng: 15 phút

2.8.2 Mô tả bài toán: line-height

### Briards

by Ivy Duckett

The [briard](#), or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

### Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

2.8.3 Các bước thực hiện:

```
<style >
    p {
        line-height: 1.4em;
    }
</style>
```



## 2.9 BÀI TẬP 9

2.9.1 Thời lượng: 15 phút

2.9.2 Mô tả bài toán: Letter-spacing , word-spacing

### BRIARDS

by Ivy Duckett

The [briard](#), or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

### BREED HISTORY

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

2.9.3 Các bước thực hiện:

```
<style>
    h1, h2 {
        text-transform: uppercase;
        letter-spacing: 0.2em;
    }
    .credits {
        font-weight: bold;
        word-spacing: 1em;
    }
</style>
```

## 2.10 BÀI TẬP 10

### 2.10.1 Thời lượng: 15 phút

### 2.10.2 Mô tả bài toán: text-align

# Briards

by Ivy Duckett

The [briard](#), or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

## Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

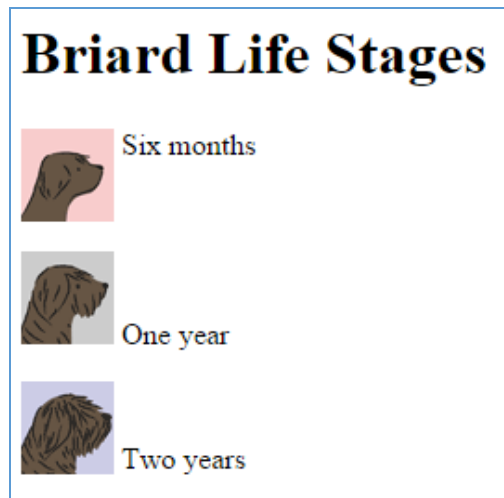
### 2.10.3 Các bước thực hiện:

```
<style >
    h1 {
        text-align: left;}
    p {
        text-align: justify;}
    .credits {
        text-align: right;}
</style>
```

## 2.11 BÀI TẬP 11

### 2.11.1 Thời lượng: 15 phút

### 2.11.2 Mô tả bài toán: vertical-align



### 2.11.3 Các bước thực hiện:

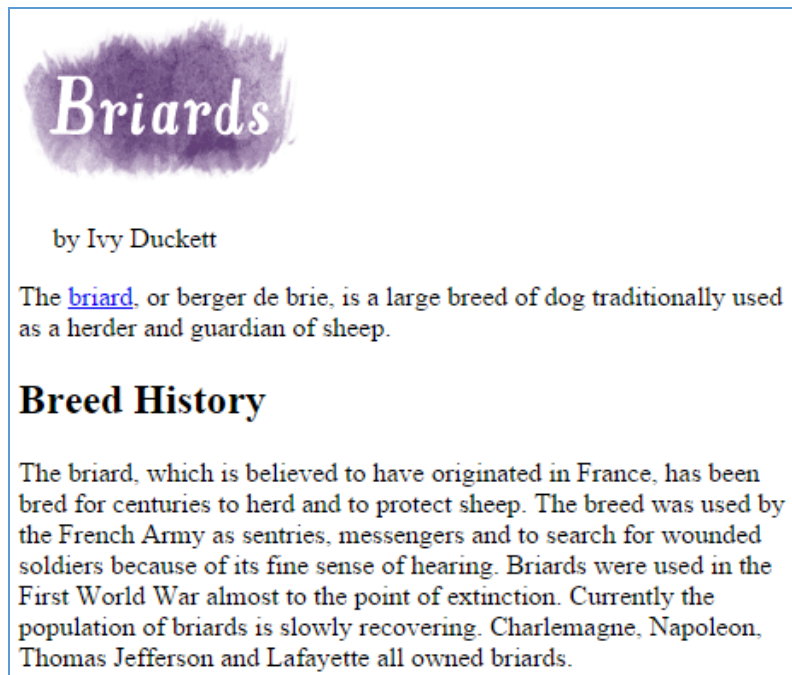
```
<style >
    #six-months {
        vertical-align: text-top;
    }
    #one-year {
        vertical-align: baseline;
    }
    #two-years {
        vertical-align: text-bottom;
    }
</style>
```

```
<body>
<h1>Briard Life Stages</h1>
<p> Six months</p>
<p>
One year</p>
<p> Two years</p>
</body>
```

## 2.12 BÀI TẬP 12

### 2.12.1 Thời lượng: 15 phút

### 2.12.2 Mô tả bài toán: text-indent



### 2.12.3 Các bước thực hiện:

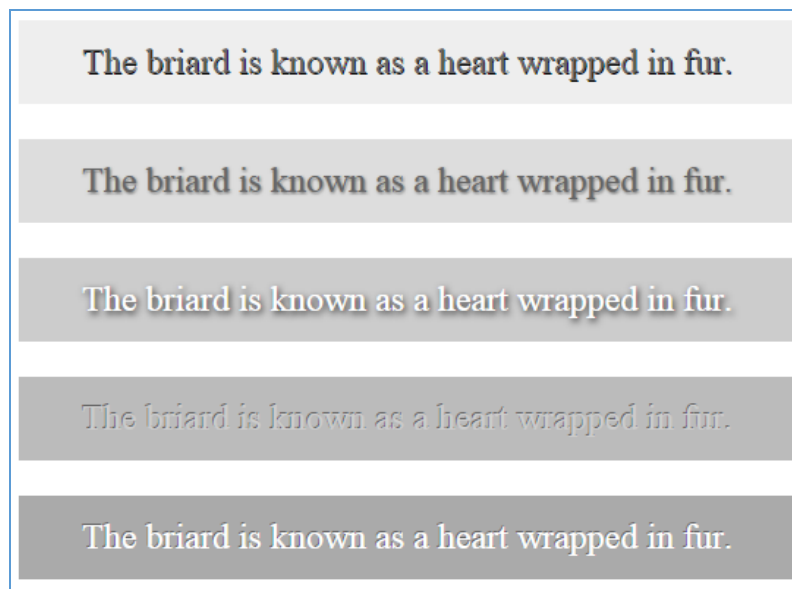
```
<style >
    h1 {
        background-image: url("images/logo.gif");
        background-repeat: no-repeat;
        text-indent: -9999px;
        width: 165px;
        height: 100px;}
    .credits {
        text-indent: 20px;}
</style>
```

```
<body>
    <h1>Briards</h1>
    <p class="credits">by Ivy Duckett</p>
    <p>The <a href="#">briard</a>, or berger de brie, is a large breed
of dog traditionally used as a herder and guardian of sheep.</p>
    <h2>Breed History</h2>
    <p>The briard, which is believed to have originated in France.....
Thomas Jefferson and Lafayette all owned briards.</p>
</body>
```

## 2.13 BÀI TẬP 13

### 2.13.1 Thời lượng: 15 phút

### 2.13.2 Mô tả bài toán: Drop shadow: text-shadow



### 2.13.3 Các bước thực hiện:

```
<style >      p {
                  font-size: 200%;
                  padding: 20px;
                  text-align: center;}

      p.one {
        background-color: #eeeeee;
        color: #666666;
        text-shadow: 1px 1px 0px #000000;}

      p.two {
        background-color: #dddddd;
        color: #666666;
        text-shadow: 1px 1px 3px #666666;}

      p.three {
        background-color: #cccccc;
        color: #ffffff;
        text-shadow: 2px 2px 7px #111111;}

      p.four {
        background-color: #bbbbbb;
        color: #cccccc;
        text-shadow: -1px -2px #666666;}

      p.five {
        background-color: #aaaaaa;
        color: #ffffff;
        text-shadow: -1px -1px #666666;}

</style>
```

## 2.14 BÀI TẬP 14

2.14.1 Thời lượng: 15 phút

2.14.2 Mô tả bài toán: Styling links: :first-letter, :first-line

### Briards

by Ivy Duckett

**T**he [briard](#), or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

### Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

2.14.3 Các bước thực hiện:

```
<style >
    p.intro:first-letter {
        font-size: 200%;}
    p.intro:first-line {
        font-weight: bold;}
</style>
```

```
<p class="intro">The <a href="#">briard</a>, or berger de brie, is a
large breed of dog traditionally used as a herder and guardian of
sheep.</p>
<h2>Breed History</h2>
```

## 2.15 BÀI TẬP 15

2.15.1 Thời lượng: 15 phút

2.15.2 Mô tả bài toán: link, visited

### Dog Breeds: B

- Basset Hound
- Beagle
- Bearded Collie
- Beauceron
- Bedlington Terrier
- Belgian Shepherd
- Bergamasco
- Bichon Frise
- Bloodhound
- Bolognese
- Border Collie
- Border Terrier
- Borzoi
- Bouvier des Flandres
- Briard
- Bull Terrier
- Bulldog

2.15.3 Các bước thực hiện:

```
<style>
    a:link {
        color: deeppink;
        text-decoration: none;}
    a:visited {
        color: black;}
    a:hover {
        color: deeppink;
        text-decoration: underline;}
    a:active {
        color: darkcyan;}
</style>
```

## 2.16 BÀI TẬP 16

2.16.1 Thời lượng: 15 phút

2.16.2 Mô tả bài toán: Responding to user : hover, : active, :focus

2.16.3 Các bước thực hiện:

```
<style>

    input {
        padding: 6px 12px 6px 12px;
        border: 1px solid #665544;
        color: #ffffff;}
    input.submit:hover {
        background-color: #665544;}
    input.submit:active {
        background-color: chocolate;}
    input.text {
        color: #cccccc;}
    input.text:focus {
        color:#665544;}

</style>
```

```
<form>
    <input type="text" class="text" value="Enter email address..." />
    <input type="submit" class="submit" />
</form>
```

## 2.17 BÀI TẬP 17

### 2.17.1 Thời lượng: 15 phút

### 2.17.2 Mô tả bài toán: Review

## Briards

A HEART WRAPPED IN FUR

The **briard**, or **berger de brie**, is a large breed of dog traditionally used as a herder and guardian of sheep.

### Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

*by Ivy Duckett*



# BOXES

---

## 1 Lý thuyết:

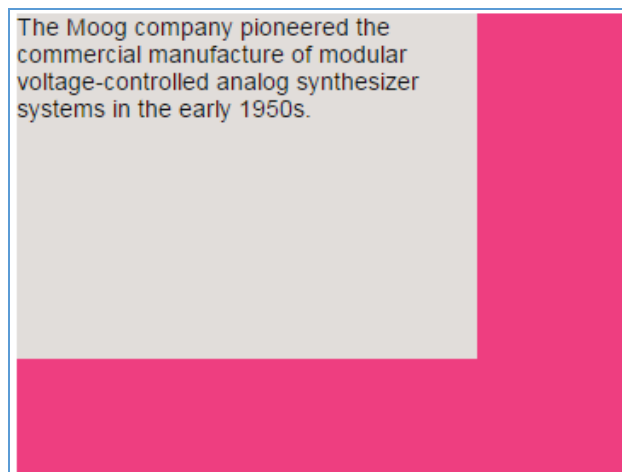
- Controlling size of boxes
- Box model for borders, margin and padding
- Displaying and hiring boxes

## 2 Bài tập thực hành

### 2.1 BÀI TẬP 1

#### 2.1.1 Thời lượng: 15 phút

#### 2.1.2 Mô tả bài toán: Box Dimensions : width, height



#### 2.1.3 Các bước thực hiện:




```
<style >
  body {
    font-family: Arial, Verdana, sans-serif;
    color: #111111;}
  div {
    width: 400px;
    height: 300px;
    background-color: #ee3e80;}
  p {
    height: 75%;
    width: 75%;
    background-color: #e1ddda;}
</style>
<body>
  <div>
```

```
<p>The Moog company pioneered the commercial manufacture of modular
voltage-controlled analog synthesizer systems in the early 1950s.</p>
</div>
</body>
```

## 2.2 BÀI TẬP 2

### 2.2.1 Thời lượng: 15 phút

### 2.2.2 Mô tả bài toán: Limiting width : min-width, max-width

Photo	Description	Price
	The Rhodes piano is an electro-mechanical piano, invented by Harold Rhodes during the fifties and later manufactured in a number of models, first in collaboration with Fender and after 1965 by CBS. It employs a piano-like keyboard with hammers that hit small metal tines, amplified by electromagnetic pickups.	\$1400
	The Wurlitzer electric piano is an electro-mechanical piano, created by the Rudolph Wurlitzer Company of Mississippi. The Wurlitzer company itself never called the instrument an "electric piano", instead inventing the phrase "Electronic Piano" and using this as a trademark throughout the production of the instrument. It employs a piano-like keyboard with hammers that hit small metal tines, amplified by electromagnetic pickups.	\$1600
	A Clavinet is an electronically amplified clavichord manufactured by the Hohner company. Each key uses a rubber tip to perform a hammer on a string. Its distinctive bright staccato sound is often compared to that of an electric guitar. Various models were produced over the years, including the models I, II, L, C, D6, and E7.	\$1200

### 2.2.3 Các bước thực hiện:

```
<tr>
  <td></td>
  <td class="description">The Rhodes piano ..... amplified by
electromagnetic pickups.</td>
  <td>$1400</td>
</tr>
```

```
<style >

  body {
    font-family: Arial, Verdana, sans-serif;
    color: #111111;}

  th {
    border-bottom: 1px solid #0088dd;
    text-align: left;
    color: #0088dd;
    font-weight: normal;}
```

```
td {
    min-width: 150px;
    min-height: 200px;
    vertical-align: top;
    line-height: 1.4em;}

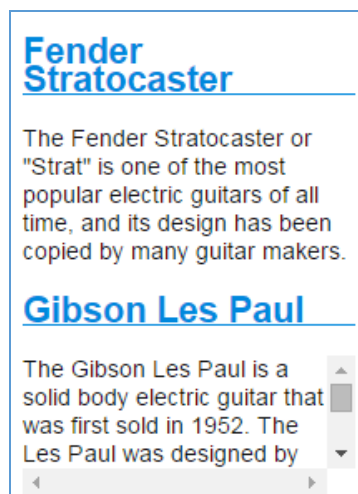
td.description {
    min-width: 450px;
    max-width: 650px;
    text-align: left;
    padding: 5px;
    margin: 0px;}

</style>
```

## 2.3 BÀI TẬP 3

### 2.3.1 Thời lượng: 15 phút

### 2.3.2 Mô tả bài toán: Overflowing content : overflow



### 2.3.3 Các bước thực hiện:

```
<body>
    <h2>Fender Stratocaster</h2>
    <p class="one">The Fender Stratocaster or "Strat" is one of
the most popular ..... Freddie Tavares in 1954.</p>
    <h2>Gibson Les Paul</h2>
    <p class="two">The Gibson Les Paul is a solid body electric
guitar ..... electric guitar types in the world.</p>
</body>
```

```
<style>

    body {
        font-family: Arial, Verdana, sans-serif;
        color: #111111;
        font-size: 90%;
```

```
        line-height: 1.2em;
        width: 200px;}

h2 {
    color: #0088dd;
    border-bottom: 1px solid #0088dd;}

p {
    min-height: 30px;
    max-height: 85px;}

p.one {
    overflow: hidden;}

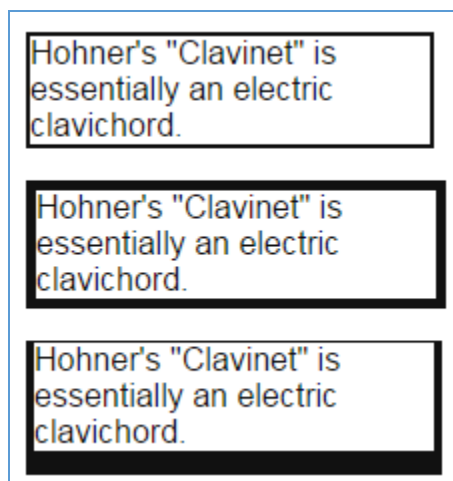
p.two {
    overflow: scroll;}

</style>
```

## 2.4 BÀI TẬP 4

### 2.4.1 Thời lượng: 15 phút

### 2.4.2 Mô tả bài toán: Box Width : box-width



### 2.4.3 Các bước thực hiện:

```
<body>
    <p class="one">Hohner's "Clavinet" is essentially an
    electric clavichord.</p>
    <p class="two">Hohner's "Clavinet" is essentially an
    electric clavichord.</p>
    <p class="three">Hohner's "Clavinet" is essentially an
    electric clavichord.</p>
</body>
```

```
<style >

    body {
        font-family: Arial, Verdana, sans-serif;
        color: #111111;}

    p {
```

```

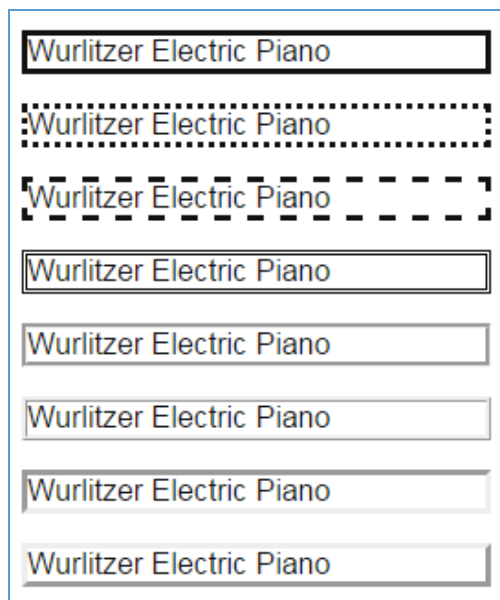
        width: 200px;
        border-style: solid;}
p.one {
    border-width: 2px;}
p.two {
    border-width: thick;}
p.three {
    border-width: 1px 4px 12px 4px;}
</style>

```

## 2.5 BÀI TẬP 5

### 2.5.1 Thời lượng: 15 phút

### 2.5.2 Mô tả bài toán: Box Style : border-style



### 2.5.3 Các bước thực hiện:

```

<body>
    <p class="one">Wurlitzer Electric Piano</p>
    <p class="two">Wurlitzer Electric Piano</p>
    <p class="three">Wurlitzer Electric Piano</p>
    <p class="four">Wurlitzer Electric Piano</p>
    <p class="five">Wurlitzer Electric Piano</p>
    <p class="six">Wurlitzer Electric Piano</p>
    <p class="seven">Wurlitzer Electric Piano</p>
    <p class="eight">Wurlitzer Electric Piano</p>
</body>

```

```

<style>
    body {
        font-family: Arial, Verdana, sans-serif;
    }

```

```

        color: #111111;}
p {
    width: 250px;
    border-width: 3px;}
p.one {
    border-style: solid;}
p.two {
    border-style: dotted;}
p.three {
    border-style: dashed;}
p.four {
    border-style: double;}
p.five {
    border-style: groove;}
p.six {
    border-style: ridge;}
p.seven {
    border-style: inset;}
p.eight {
    border-style: outset;}

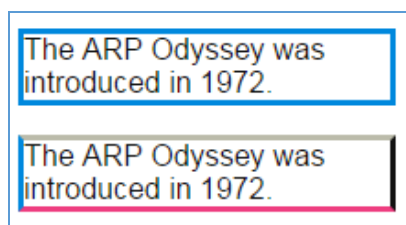
</style>

```

## 2.6 BÀI TẬP 6

### 2.6.1 Thời lượng: 15 phút

### 2.6.2 Mô tả bài toán: Border Color : border-color



### 2.6.3 Các bước thực hiện:

```

<body>
    <p class="one">The ARP Odyssey was introduced in 1972.</p>
    <p class="two">The ARP Odyssey was introduced in 1972.</p>
</body>

```

```

<style>
    body {
        font-family: Arial, Verdana, sans-serif;
        color: #111111;}
    p {
        border-style: solid;
        border-width: 3px;
        width: 200px;}
    p.one {

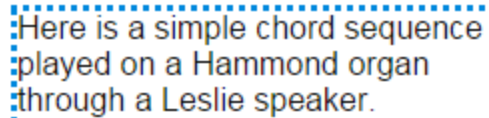
```

```
border-color: #0088dd;}  
p.two {  
border-color: #bbbbaa #111111 #ee3e80 #0088dd;}  
</style>
```

## 2.7 BÀI TẬP 7

### 2.7.1 Thời lượng: 15 phút

### 2.7.2 Mô tả bài toán: shorthand : border



Here is a simple chord sequence  
played on a Hammond organ  
through a Leslie speaker.

### 2.7.3 Các bước thực hiện:

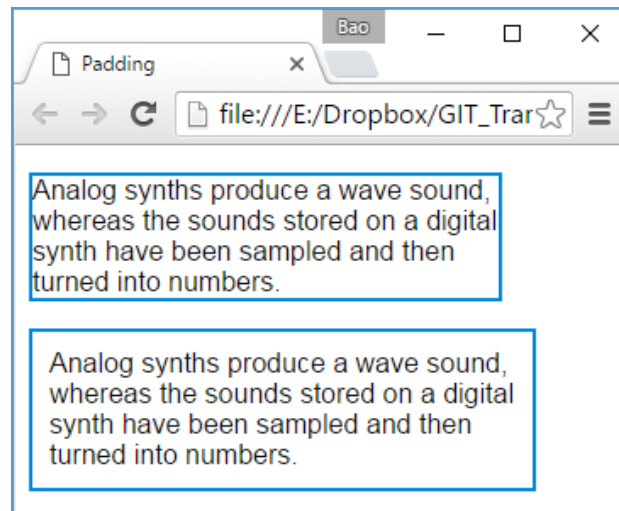
```
<body>  
  <p>Here is a simple chord sequence played on a Hammond organ  
through a Leslie speaker.</p>  
</body>
```

```
<style>  
  body {  
    font-family: Arial, Verdana, sans-serif;  
    color: #111111;}  
  p {  
    width: 250px;  
    border: 3px dotted #0088dd;}  
</style>
```

## 2.8 BÀI TẬP 8

### 2.8.1 Thời lượng: 15 phút

### 2.8.2 Mô tả bài toán: Padding



### 2.8.3 Các bước thực hiện:

```
<style >
    body {
        font-family: Arial, Verdana, sans-serif;
        color: #111111;
    }
    p {
        width: 275px;
        border: 2px solid #0088dd;
    }
    p.example {
        padding: 10px;
    }
</style>
```

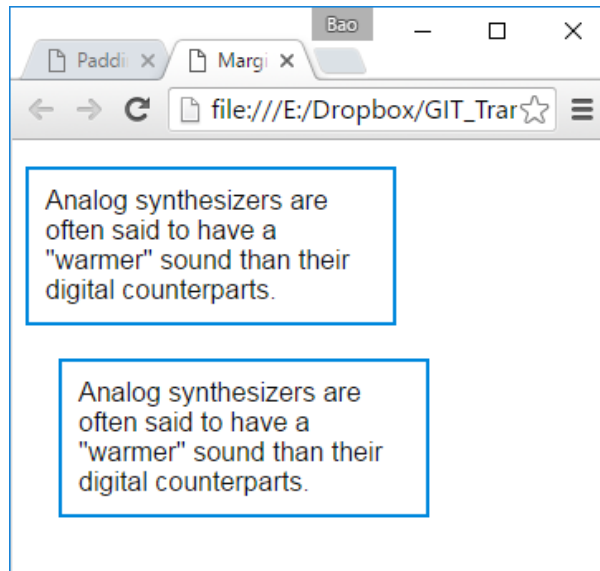
```
<body>
    <p>Analog synths ..... turned into numbers.</p>
    <p class="example">Analog synths produce ..... then turned into
    numbers.</p>
</body>
```



## 2.9 BÀI TẬP 9

### 2.9.1 Thời lượng: 15 phút

### 2.9.2 Mô tả bài toán: Margin



### 2.9.3 Các bước thực hiện:

```
<style >

    body {
        font-family: Arial, Verdana, sans-serif;
        color: #111111;}

    p {
        width: 200px;
        border: 2px solid #0088dd;
        padding: 10px;}

    p.example {
        margin: 20px;}

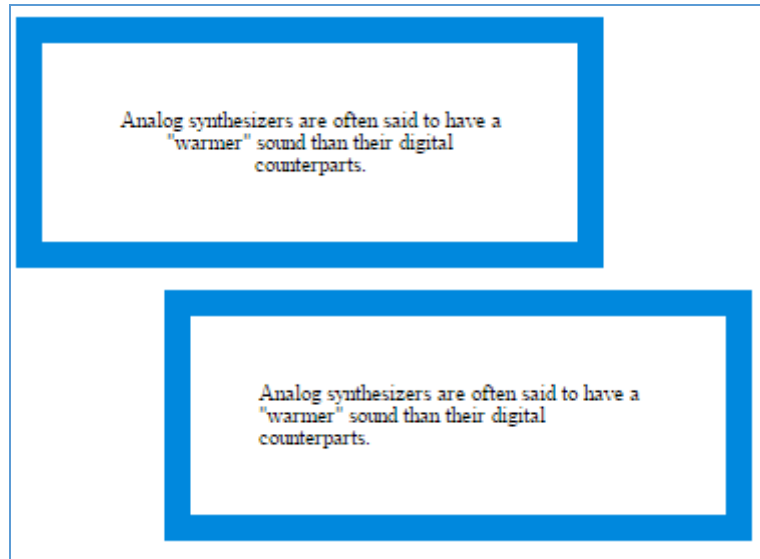
</style>
```

```
<body>
    <p>Analog synthesizers are often said to have a "warmer" sound than
their digital counterparts.</p>
    <p class="example">Analog synthesizers are often said to have a
"warmer" sound than their digital counterparts.</p>
</body>
```

## 2.10 BÀI TẬP 10

### 2.10.1 Thời lượng: 15 phút

### 2.10.2 Mô tả bài toán: Centering content



### 2.10.3 Các bước thực hiện:

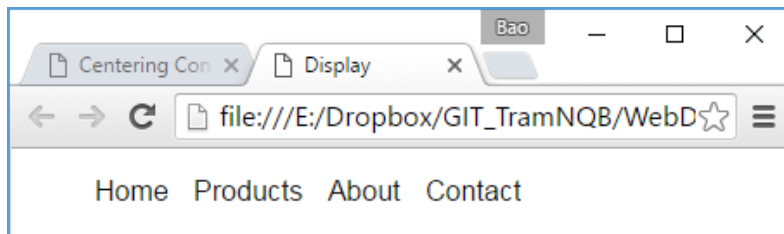
```
<style >
    body {
        text-align: center;}
    p {
        width: 300px;
        padding: 50px;
        border: 20px solid #0088dd;}
    p.example {
        margin: 10px auto 10px auto;
        text-align: left;}
</style>
```

```
<body>
    <p>Analog synthesizers are often said to have a "warmer"
sound than their digital counterparts.</p>
    <p class="example">Analog synthesizers are often said to
have a "warmer" sound than their digital counterparts.</p>
</body>
```

## 2.11 BÀI TẬP 11

### 2.11.1 Thời lượng: 15 phút

### 2.11.2 Mô tả bài toán: Change Inline/Block



### 2.11.3 Các bước thực hiện:

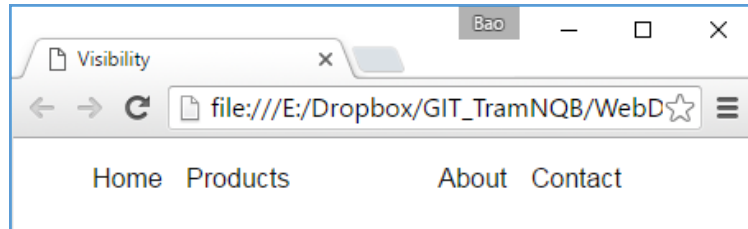
```
<style >
    body {
        font-family: Arial, Verdana, sans-serif;
        color: #111111;}
    li {
        display: inline;
        margin-right: 10px;}
    li.coming-soon {
        display: none;}
</style>
```

```
<body>
    <ul>
        <li>Home</li>
        <li>Products</li>
        <li class="coming-soon">Services</li>
        <li>About</li>
        <li>Contact</li>
    </ul>
</body>
```

## 2.12 BÀI TẬP 12

### 2.12.1 Thời lượng: 15 phút

### 2.12.2 Mô tả bài toán: Hiding Boxes



### 2.12.3 Các bước thực hiện:

```
<style>
    body {
        font-family: Arial, Verdana, sans-serif;
        color: #111111;}
    li {
        display: inline;
        margin-right: 10px;}
    li.coming-soon {
        visibility: hidden;}
</style>
```

```
<body>
    <ul>
        <li>Home</li>
        <li>Products</li>
        <li class="coming-soon">Services</li>
        <li>About</li>
        <li>Contact</li>
    </ul>
</body>
```

## 2.13 BÀI TẬP 13

### 2.13.1 Thời lượng: 15 phút

### 2.13.2 Mô tả bài toán: Box Shadows : box-shadow



### 2.13.3 Các bước thực hiện:

```
<style >

  p {
    width: 100px;
    height: 100px;
    background-color: #e1ddda;
    margin: 20px;
    display: inline-block;}

  p.one {
    -moz-box-shadow: -5px -5px #777777;
    -webkit-box-shadow: -5px -5px #777777;
    box-shadow: -5px -5px #777777;}

  p.two {
    -moz-box-shadow: 5px 5px 5px #777777;
    -webkit-box-shadow: 5px 5px 5px #777777;
    box-shadow: 5px 5px 5px #777777;}

  p.three {
    -moz-box-shadow: 5px 5px 5px 5px #777777;
    -webkit-box-shadow: 5px 5px 5px 5px #777777;
    box-shadow: 5px 5px 5px 5px #777777;}

  p.four {
    -moz-box-shadow: 0 0 10px #777777;
    -webkit-box-shadow: 0 0 10px #777777;
    box-shadow: 0 0 10px #777777;}

  p.five {
    -moz-box-shadow: inset 0 0 10px #777777;
    -webkit-box-shadow: inset 0 0 10px #777777;
    box-shadow: inset 0 0 10px #777777;}

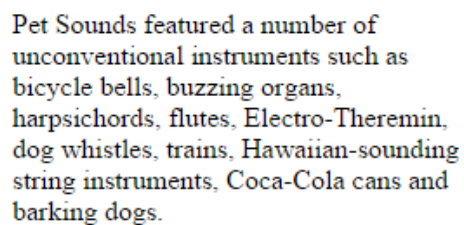
</style>
```

```
<body>
  <p class="one"></p>
  <p class="two"></p>
  <p class="three"></p>
  <br />
  <p class="four"></p>
  <p class="five"></p>
</body>
```

## 2.14 BÀI TẬP 14

### 2.14.1 Thời lượng: 15 phút

### 2.14.2 Mô tả bài toán: Rounded corners: border-radius



Pet Sounds featured a number of unconventional instruments such as bicycle bells, buzzing organs, harpsichords, flutes, Electro-Theremin, dog whistles, trains, Hawaiian-sounding string instruments, Coca-Cola cans and barking dogs.

### 2.14.3 Các bước thực hiện:

```
<style>
    p {
        border: 5px solid #ee3e80;
        padding: 20px;
        width: 275px;
        border-radius: 10px;
        -moz-border-radius: 10px;
        -webkit-border-radius: 10px;}
</style>
```

```
<body>
  <p>Pet Sounds featured a number of unconventional
instruments such as bicycle bells, buzzing organs, harpsichords, flutes,
Electro-Theremin, dog whistles, trains, Hawaiian-sounding string
instruments, Coca-Cola cans and barking dogs.</p>
</body>
```

## 2.15 BÀI TẬP 15

2.15.1 Thời lượng: 15 phút

2.15.2 Mô tả bài toán:



# LISTS, TABLE & FORMS

---

## 1 Lý thuyết:

- Specifying bullet point styles
- Adding borders and backgrounds to tables
- Changing the appearance of form elements

## 2 Bài tập thực hành

### 2.1 BÀI TẬP 1

2.1.1 Thời lượng: 15 phút

2.1.2 Mô tả bài toán: Bullet Point Styles : list-style-type

### The Complete Poems

Emily Dickinson

- i. Life
- ii. Nature
- iii. Love
- iv. Time and Eternity
- v. The Single Hound

2.1.3 Các bước thực hiện:

```
<style >
    ol {
        list-style-type: lower-roman;}
</style>
```

```
<body>
    <h1>The Complete Poems</h1>
    <h2>Emily Dickinson</h2>
    <ol>
        <li>Life</li>
        <li>Nature</li>
        <li>Love</li>
        <li>Time and Eternity</li>
        <li>The Single Hound</li>
    </ol>
```



```
</body>
```

## 2.2 BÀI TẬP 2

2.2.1 Thời lượng: 15 phút

2.2.2 Mô tả bài toán: Images for bullets: list-style-image

### Index of Translated Poems

#### Arthur Rimbaud

- ★ Ophelia
- ★ To Music
- ★ A Dream for Winter
- ★ Vowels
- ★ The Drunken Boat

2.2.3 Các bước thực hiện:

```
<style>
    ul {
        list-style-image: url("images/star.png");
    }
    li {
        margin: 10px 0px 0px 0px;
    }
</style>
```

```
<body>
    <h1>Index of Translated Poems</h1>
    <h2>Arthur Rimbaud</h2>
    <ul>
        <li>Ophelia</li>
        <li>To Music</li>
        <li>A Dream for Winter</li>
        <li>Vowels</li>
        <li>The Drunken Boat</li>
    </ul>
</body>
```

## 2.3 BÀI TẬP 3

### 2.3.1 Thời lượng: 15 phút

### 2.3.2 Mô tả bài toán: Positioning the marker : list-style-position

#### **Illuminations**

- That idol, black eyes and yellow mop, without parents or court ...
- Gracious son of Pan! Around your forehead crowned with flowerets ...
- When the world is reduced to a single dark wood for our four ...

#### **A Season in Hell**

- Once, if my memory serves me well, my life was a banquet ...
- Hadn't I once a youth that was lovely, heroic, fabulous ...
- Autumn already! - But why regret the everlasting sun if we are ...

### 2.3.3 Các bước thực hiện:

```
<style >
    ul {
        width: 250px;}
    li {
        margin: 10px;}
    ul.illuminations {
        list-style-position: outside;}
    ul.season {
        list-style-position: inside;}
</style>
```

```
<body>
    <h3>Illuminations</h3>
    <ul class="illuminations">
        <li>That idol, black eyes and yellow...</li>
        <li>Gracious son of Pan! Around your ...</li>
        <li>When the world is reduced to...</li>
    </ul>
```

```
<h3>A Season in Hell</h3>
<ul class="season">
    <li>Once, if my memory serves me well, my life...</li>
    <li>Hadn't I once a youth that was...</li>
    <li>Autumn already! - But why regret the...</li>
</ul>
</body>
```

## 2.4 BÀI TẬP 4

### 2.4.1 Thời lượng: 15 phút

### 2.4.2 Mô tả bài toán: list shorthand : list-style

## Quotes from Edgar Allan Poe

- I have great faith in fools; self-confidence my friends call it.
- All that we see or seem is but a dream within a dream.
- I would define, in brief, the poetry of words as the rhythmical creation of Beauty.

### 2.4.3 Các bước thực hiện:

```
<style >
    ul {
        list-style: inside circle;
        width: 300px;}
    li {
        margin: 10px 0px 0px 0px;}
</style>
```

```
<body>
    <h1>Quotes from Edgar Allan Poe</h1>
    <ul>
        <li>I have great faith in fools; .....</li>
        <li>All that we see or seem is but .....</li>
        <li>I would define, in brief, the.....</li>
    </ul>
</body>
```

## 2.5 BÀI TẬP 5

2.5.1 Thời lượng: 15 phút

2.5.2 Mô tả bài toán: table properties

### First Edition Auctions

AUTHOR	TITLE	RESERVE PRICE	CURRENT BID
E.E. Cummings	Tulips & Chimneys	\$2,000.00	\$2,642.50
Charles d'Orleans	Poemes		\$5,866.00
T.S. Eliot	Poems 1909 - 1925	\$1,250.00	\$8,499.35
Sylvia Plath	The Colossus		\$1031.72

2.5.3 Các bước thực hiện:

```
<style >
    body {
        font-family: Arial, Verdana, sans-serif;
        color: #111111;}
    table {
        width: 600px;}
    th, td {
        padding: 7px 10px 10px 10px;}
    th {
        text-transform: uppercase;
        letter-spacing: 0.1em;
        font-size: 90%;
        border-bottom: 2px solid #111111;
        border-top: 1px solid #999;
        text-align: left;}
    tr.even {
        background-color: #efefef;}
    tr:hover {
        background-color: #c3e6e5;}
    .money {
        text-align: right;}
</style>
```

```
<body> <h1>First Edition Auctions</h1>
      <table>
        <tr>
          <th>Author</th>
```

```

        <th>Title</th>
        <th class="money">Reserve Price</th>
        <th class="money">Current Bid</th>
    </tr>
    <tr>
        <td>E.E. Cummings</td>
        <td>Tulips & Chimneys</td>
        <td class="money">$2,000.00</td>
        <td class="money">$2,642.50</td>
    </tr>
    <tr class="even">
        <td>Charles d'Orleans</td>
        <td>Poemes</td>
        <td class="money"></td>
        <td class="money">$5,866.00</td>
    </tr>
    <tr>
        <td>T.S. Eliot</td>
        <td>Poems 1909 - 1925</td>
        <td class="money">$1,250.00</td>
        <td class="money">$8,499.35</td>
    </tr>
    <tr class="even">
        <td>Sylvia Plath</td>
        <td>The Colossus</td>
        <td class="money"></td>
        <td class="money">$1031.72</td>
    </tr>
</table>
</body>

```

## 2.6 BÀI TẬP 6

**2.6.1 Thời lượng: 15 phút**

**2.6.2 Mô tả bài toán: border on empty cells: empty-cells**

1	2
3	
1	2
3	

### 2.6.3 Các bước thực hiện:

```
<style>

    td {
        border: 1px solid #0088dd;
        padding: 15px;}
    table.one {
        empty-cells: show;}
    table.two {
        empty-cells: hide;}

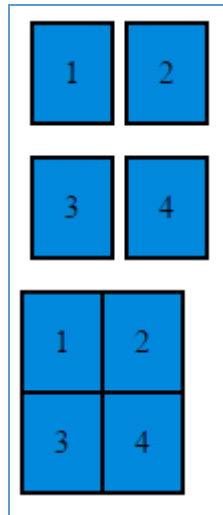
</style>
```

```
<body>
    <table class="one">
        <tr>
            <td>1</td>
            <td>2</td>
        </tr>
        <tr>
            <td>3</td>
            <td></td>
        </tr>
    </table>
    <table class="two">
        <tr>
            <td>1</td>
            <td>2</td>
        </tr>
        <tr>
            <td>3</td>
            <td></td>
        </tr>
    </table>
</body>
```

## 2.7 BÀI TẬP 7

### 2.7.1 Thời lượng: 15 phút

### 2.7.2 Mô tả bài toán: Gaps between cells : border-spacing, border-collapse



### 2.7.3 Các bước thực hiện:

```
<style >
    td {
        background-color: #0088dd;
        padding: 15px;
        border: 2px solid #000000;
    }
    table.one {
        border-spacing: 5px 15px;
    }
    table.two {
        border-collapse: collapse;
    }
</style>
```

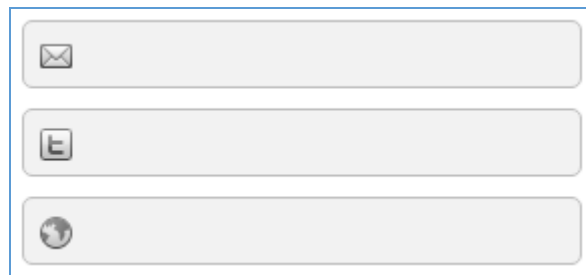
```
<body>
    <table class="one">
        <tr>
            <td>1</td>
            <td>2</td>
        </tr>
        <tr>
            <td>3</td>
            <td>4</td>
        </tr>
    </table>
    <table class="two">
        <tr>
            <td>1</td>
            <td>2</td>
        </tr>
        <tr>
```

```
 3 | 4 |
```

## 2.8 BÀI TẬP 8

### 2.8.1 Thời lượng: 15 phút

### 2.8.2 Mô tả bài toán: Styling text inputs



### 2.8.3 Các bước thực hiện:

```

<style>
    input {
        font-size: 120%;
        color: #5a5854;
        background-color: #f2f2f2;
        border: 1px solid #bdbdbd;
        border-radius: 5px;
        padding: 5px 5px 5px 30px;
        background-repeat: no-repeat;
        background-position: 8px 9px;
        display: block;
        margin-bottom: 10px;}

    input:focus, input:hover {
        background-color: #ffffff;
        border: 1px solid #b1e1e4;}

    input#email {
        background-image: url("images/email.png");}
    input#twitter {
        background-image: url("images/twitter.png");}

    input#web {
        background-image: url("images/web.png");}
</style>

```

```

<body>
    <form>

```

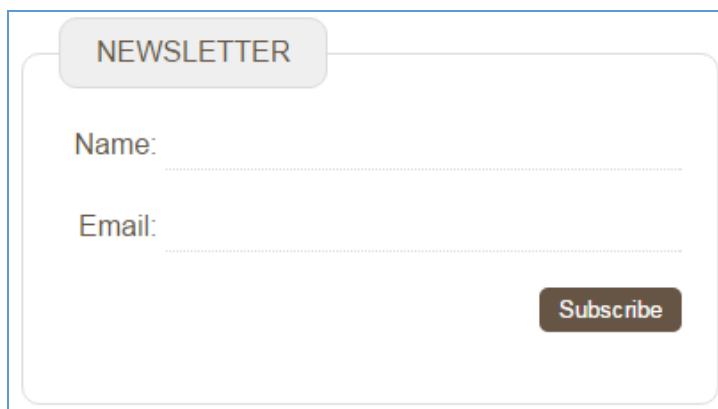


```
<input type="text" id="email" />
<input type="text" id="twitter" />
<input type="text" id="web" />
</form>
</body>
```

## 2.9 BÀI TẬP 9

### 2.9.1 Thời lượng: 15 phút

### 2.9.2 Mô tả bài toán: Styling Fieldsets & Legends



### 2.9.3 Các bước thực hiện:

```
<style >
    * {
        font-family: Arial, Verdana, sans-serif;
        color: #665544;}
    input {
        border-bottom: 1px dotted #dcdcdc;
        border-top: none;
        border-right: none;
        border-left: none;
        padding: 5px;
        width: 280px;
        margin-bottom: 20px;}
    input:focus {
        border: 1px dotted #dcdcdc;
        outline: none;}
    input#submit {
        color: #ffffff;
        background-color: #665544;
        border: none;
        border-radius: 5px;
        width: 80px;}
    input#submit:hover {
        color: #665544;
        background-color: #efefef;}
    fieldset {
```

```

width: 350px;
border: 1px solid #dcdcdc;
border-radius: 10px;
padding: 20px;
text-align: right;}

legend {
background-color: #efefef;
border: 1px solid #dcdcdc;
border-radius: 10px;
padding: 10px 20px;
text-align: left;
text-transform: uppercase;}

</style>

```

```

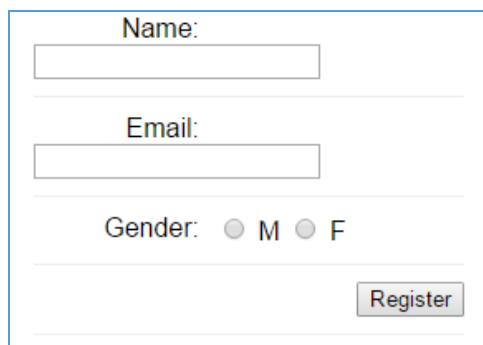
<body>
<form>
<fieldset>
  <legend>Newsletter</legend>
  <label for="name">Name: </label>
  <input type="text" id="name" />
  <label for="email">Email: </label>
  <input type="text" id="email" />
  <input type="submit" value="Subscribe" id="submit" />
</fieldset>
</form>
</body>

```

## 2.10 BÀI TẬP 10

### 2.10.1 Thời lượng: 15 phút

### 2.10.2 Mô tả bài toán:



### 2.10.3 Các bước thực hiện:

```

<body>
<form action="" method="">
<div>

```

```
<label for="name" class="title">Name:</label>
<input type="text" id="name" name="name" />
</div>
<div>
  <label for="email" class="title">Email:</label>
  <input type="email" id="email" name="email" />
</div>
<div class="radio-buttons">
  <span class="title">Gender:</span>
  <input type="radio" name="gender" id="male" value="M" />
  <label for="male">M</label>
  <input type="radio" name="gender" id="female" value="F" />
  <label for="female">F</label><br />
</div>
<div class="submit">
  <input type="submit" value="Register" id="submit" />
</div>
</form>
</body>
```

```
<style >

  body {
    font-family: Arial, Verdana, sans-serif;}
  div {
    border-bottom: 1px solid #efefef;
    margin: 10px;
    padding-bottom: 10px;
    width: 260px;}
  .title {
    float: left;
    width: 100px;
    text-align: right;
    padding-right: 10px;}
  .radio-buttons label {
    float: none;}
  .submit {
    text-align: right;}

</style>
```

## 2.11 BÀI TẬP 11

### 2.11.1 Thời lượng: 15 phút

### 2.11.2 Mô tả bài toán: Cursor Styles : cursor

[Walt Whitman](#)

### 2.11.3 Các bước thực hiện:

```
<style>
    a {
        cursor: move;
    }
</style>
```

```
<body>
    <p>
        <a href="http://www.whitmanarchive.org">Walt Whitman</a>
    </p>
</body>
```

## 2.12 BÀI TẬP 12

### 2.12.1 Thời lượng: 15 phút

### 2.12.2 Mô tả bài toán: Review

## Poetry Workshops

We will be conducting a number of poetry workshops and symposiums throughout the year.

Please note that the following events are free to members:

- A Poetic Perspective
- Walt Whitman at War
- Found Poems and Outsider Poetry

	New York	Chicago	San Francisco
A Poetic Perspective	Sat, 4 Feb 2012 11am - 2pm	Sat, 3 Mar 2012 11am - 2pm	Sat, 17 Mar 2012 11am - 2pm
Walt Whitman at War	Sat, 7 Apr 2012 11am - 1pm	Sat, 5 May 2012 11am - 1pm	Sat, 19 May 2012 11am - 1pm
Found Poems & Outsider Poetry	Sat, 9 Jun 2012 11am - 2pm	Sat, 7 Jul 2012 11am - 2pm	Sat, 21 Jul 2012 11am - 2pm
Natural Death: An Exploration	Sat, 4 Aug 2012 11am - 4pm	Sat, 8 Sep 2012 11am - 4pm	Sat, 15 Sep 2012 11am - 4pm

Register your interest

Your name:

Your email:

Your closest center:

Are you a member? ☐ Yes ☐ No

Register

# LAYOUT

---

## 1 Lý thuyết:

- Controlling the position of elements
- Creating site layouts
- Designing for different sized screens

## 2 Bài tập thực hành

### 2.1 BÀI TẬP 1

2.1.1 Thời lượng: 15 phút

2.1.2 Mô tả bài toán: Normal Flow - position:static

#### The Evolution of the Bicycle

In 1817 Baron von Drais invented a walking machine that would help him get around the royal gardens faster: two same-size in-line wheels, the front one steerable, mounted in a frame upon which you straddled. The device was propelled by pushing your feet against the ground, thus rolling yourself and the device forward in a sort of gliding walk.

The machine became known as the Draisienne (or "hobby horse"). It was made entirely of wood. This enjoyed a short lived popularity as a fad, not being practical for transportation in any other place than a well maintained pathway such as in a park or garden.

The next appearance of a two-wheeled riding machine was in 1865, when pedals were applied directly to the front wheel. This machine was known as the velocipede (meaning "fast foot") as well as the "bone shaker," since its wooden structure combined with the cobblestone roads of the day made for an extremely uncomfortable ride. They also became a fad and indoor riding academies, similar to roller rinks, could be found in large cities.

### 2.1.3 Các bước thực hiện:

```
<style >

    body {
        width: 750px;
        font-family: Arial, Verdana, sans-serif;
        color: #665544;}

    h1 {
        background-color: #efefef;
        padding: 10px;}
```

```
p {  
    width: 450px;}  
</style>
```

```
<body>  
    <h1>The Evolution of the Bicycle</h1>  
    <p>In 1817 Baron von Drais .....</p>  
    <p>The machine became .....</p>  
    <p>The next appearance of a.....</p>  
</body>
```

## 2.2 BÀI TẬP 2

### 2.2.1 Thời lượng: 15 phút

### 2.2.2 Mô tả bài toán: Relative Position – position : relative

## The Evolution of the Bicycle

In 1817 Baron von Drais invented a walking machine that would help him get around the royal gardens faster: two same-size in-line wheels, the front one steerable, mounted in a frame upon which you straddled. The device was propelled by pushing your feet against the ground, thus rolling yourself and the device forward in a sort of gliding walk.

The machine became known as the Draisienne (or "hobby horse"). It was made entirely of wood. This enjoyed a short lived popularity as a fad, not being practical for transportation in any other place than a well maintained pathway such as in a park or garden.

The next appearance of a two-wheeled riding machine was in 1865, when pedals were applied directly to the front wheel. This machine was known as the velocipede (meaning "fast foot") as well as the "bone shaker," since its wooden structure combined with the cobblestone roads of the day made for an extremely uncomfortable ride. They also became a fad and indoor riding academies, similar to roller rinks, could be found in large cities.

### 2.2.3 Các bước thực hiện:

```
<style >  
    body {  
        width: 750px;  
        font-family: Arial, Verdana, sans-serif;  
        color: #665544;}  
    p {  
        width: 450px;}  
    p.example {  
        position: relative;  
        top: 10px;
```

```
left: 100px;}

</style>
```

```
<body>
  <h1>The Evolution of the Bicycle</h1>
  <p>In 1817 Baron von Drais ..... sort of gliding walk.</p>
  <p class="example">The machine became known ..... garden.</p>
  <p>The next appearance of a two-wheeled ..... cities.</p>
</body>
```

## 2.3 BÀI TẬP 3

### 2.3.1 Thời lượng: 15 phút

### 2.3.2 Mô tả bài toán: Absolute Positioning – position: absolute



### 2.3.3 Các bước thực hiện:

```
<style >

  body {
    width: 750px;
    font-family: Arial, Verdana, sans-serif;
    color: #665544;}

  h1 {
    position: absolute;
    top: 0px;
```

```

        left: 500px;
        width: 250px;}

    p {
        width: 450px;}

</style>

```

```

<body>
    <h1>The Evolution of the Bicycle</h1>
    <p>In 1817 Baron von Drais invented .....gliding walk.</p>
    <p>The machine became known as ..... garden.</p>
    <p>The next appearance of a two-wheeled ..... cities.</p>
    <p>In 1870 the first all-metal.....predecessor.</p>
    <p>The front wheels became larger .....month's pay.)</p>
    <p>Because the rider sat so .....came into being.</p>
</body>

```

## 2.4 BÀI TẬP 4

### 2.4.1 Thời lượng: 15 phút

### 2.4.2 Mô tả bài toán: Fixed Positioning – position: fixed

### The Evolution of the Bicycle

In 1817 Baron von Drais invented a walking machine that would help him get around the royal gardens faster: two same-size in-line wheels, the front one steerable, mounted in a frame upon which you straddled. The device was propelled by pushing your feet against the ground, thus rolling yourself and the device forward in a sort of gliding walk.

The machine became known as the Draisienne (or "hobby horse"). It was made entirely of wood. This enjoyed a short lived popularity as a fad, not being practical for transportation in any other place than a well maintained pathway such as in a park or garden.

The next appearance of a two-wheeled riding machine was in 1865, when pedals were applied directly to the front wheel. This machine was known as the velocipede (meaning "fast foot") as well as the "bone shaker," since its wooden structure combined with the cobblestone roads of the day made for an extremely uncomfortable ride. They also became a fad and indoor riding academies, similar to roller rinks, could be found in large cities.

In 1870 the first all-metal machine appeared. (Prior to this, metallurgy was not advanced enough to provide metal which was strong enough to make small, light parts out of.) The pedals were attached directly to the front wheel with no freewheeling mechanism. Solid rubber tires and the long spokes of the large front wheel provided a much smoother ride than its predecessor.

The front wheels became larger and larger as makers realized that the larger the wheel, the farther you could travel with one rotation of the pedals. For that reason, you would purchase a wheel as large as your leg length would allow. This machine was the first one to be called a bicycle ("two wheel"). These bicycles enjoyed a great popularity during the 1880s among young men of means. (They cost an average worker six month's pay.)

Because the rider sat so high above the center of gravity, if the front wheel was stopped by a stone or rut in the road, or the sudden emergence of a dog, the entire apparatus rotated forward on its front axle and the rider, with his legs trapped under the handlebars, was dropped unceremoniously on his head. Thus the term "taking a header" came into being.

### 2.4.3 Các bước thực hiện:

```

<style >

    body {
        width: 750px;
        font-family: Arial, Verdana, sans-serif;
        color: #665544;}

```



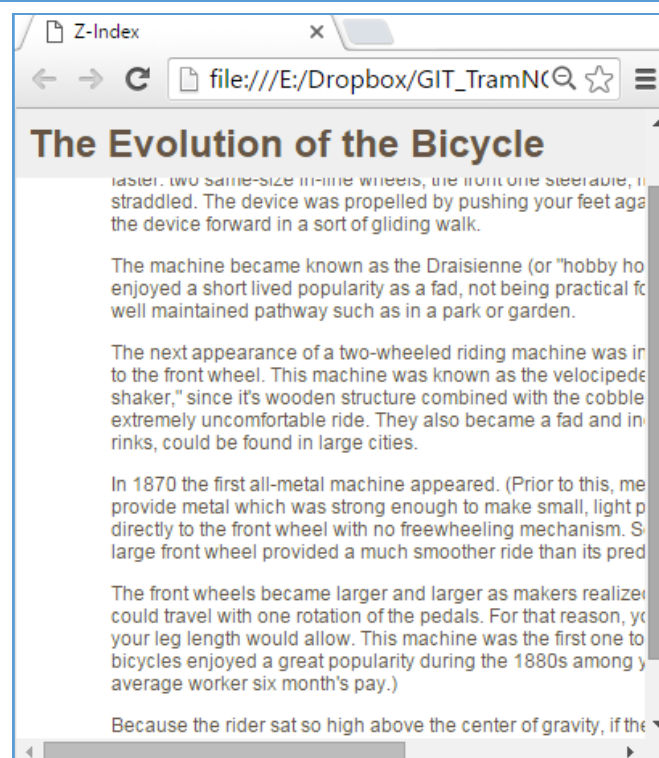
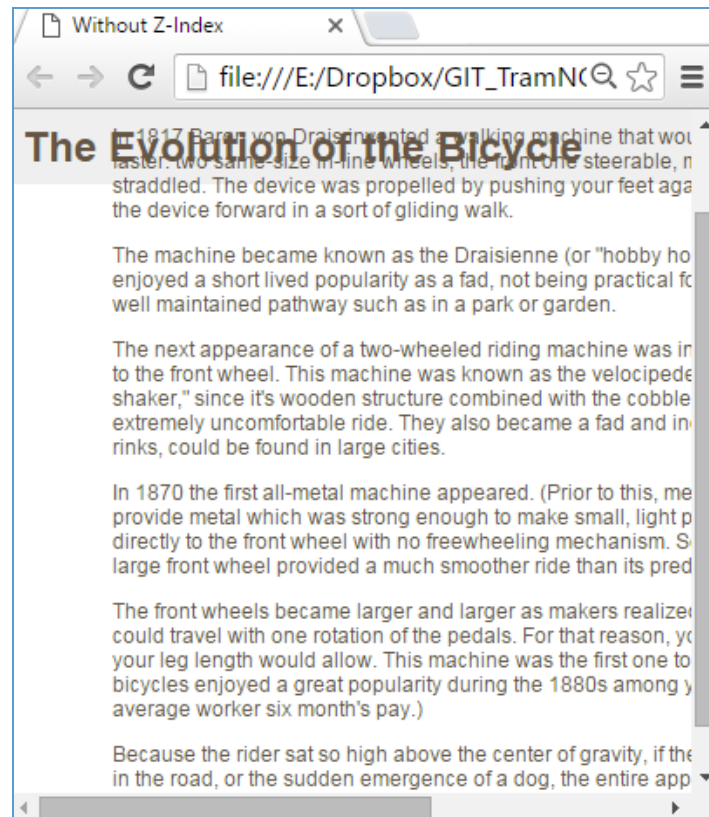
```
h1 {  
    position: fixed;  
    top: 0px;  
    left: 0px;  
    padding: 10px;  
    margin: 0px;  
    width: 100%;  
    background-color: #efefef;}  
p.example {  
    margin-top: 100px;}  
  
</style>
```

```
<body>  
    <h1>The Evolution of the Bicycle</h1>  
    <p class="example">In 1817 Baron von Drais ..... walk.</p>  
    <p>The machine became known as the ..... garden.</p>  
    <p>The next appearance of a two-wheeled .....large cities.</p>  
    <p>In 1870 the first all-..... predecessor.</p>  
    <p>The front wheels became larger and ..... month's pay.)</p>  
    <p>Because the rider sat so high ..... being.</p>  
</body>
```

## 2.5 BÀI TẬP 5

### 2.5.1 Thời lượng: 15 phút

### 2.5.2 Mô tả bài toán: Overlapping Elements – z-index



### 2.5.3 Các bước thực hiện:

```
<style>

    body {
        width: 750px;
        font-family: Arial, Verdana, sans-serif;
        color: #665544;}

    h1 {
        position: fixed;
        top: 0px;
        left: 0px;
        margin: 0px;
        padding: 10px;
        width: 100%;
        background-color: #efefef;
        z-index: 10;}

    p {
        position: relative;
        top: 70px;
        left: 70px;}

</style>
```

```
<body>

    <h1>The Evolution of the Bicycle</h1>
    <p class="example">In 1817 Baron von Drais ..... walk.</p>
    <p>The machine became known as the ..... garden.</p>
    <p>The next appearance of a two-wheeled .....large cities.</p>
    <p>In 1870 the first all-..... predecessor.</p>
    <p>The front wheels became larger and ..... month's pay.)</p>
    <p>Because the rider sat so high ..... being.</p>

</body>
```

## 2.6 BÀI TẬP 6

### 2.6.1 Thời lượng: 15 phút

### 2.6.2 Mô tả bài toán: Floating Element – float



### 2.6.3 Các bước thực hiện:

```
<style>
    body {
        width: 750px;
        font-family: Arial, Verdana, sans-serif;
        color: #665544;}
    blockquote {
        float: right;
        width: 275px;
        font-size: 130%;
        font-style: italic;
        font-family: Georgia, Times, serif;
        margin: 0px 0px 10px 10px;
        padding: 10px;
        border-top: 1px solid #665544;
        border-bottom: 1px solid #665544;}
</style>
```

```
<body>
    <h1>The Evolution of the Bicycle</h1>
    <blockquote>"Life is like riding a bicycle. To keep your balance you
    must keep moving." - Albert Einstein
    </blockquote>
    <p>In 1817 Baron von ..... walk.</p>
    <p>The machine became known as ..... garden.</p>
    <p>The next appearance of .....large cities.</p>
</body>
```

## 2.7 BÀI TẬP 7

### 2.7.1 Thời lượng: 15 phút

### 2.7.2 Mô tả bài toán: Using Float To Place Elements Side-By-Side

#### The Evolution of the Bicycle

In 1817 Baron von Drais invented a walking machine that would help him get around the royal gardens faster.

The device known as the Draisienne (or "hobby horse") was made of wood, and propelled by pushing your feet on the ground in a gliding movement.

It was not seen as suitable for any place other than a well maintained pathway.

In 1865, the velocipede (meaning "fast foot") attached pedals to the front wheel, but its wooden structure made it extremely uncomfortable.

In 1870 the first all-metal machine appeared. The pedals were attached directly to the front wheel.

Solid rubber tires and the long spokes of the large front wheel provided a much smoother ride than its predecessor.

### 2.7.3 Các bước thực hiện:

```
<style >
    body {
        width: 750px;
        font-family: Arial, Verdana, sans-serif;
        color: #665544;}

    p {
        width: 230px;
        float: left;
        margin: 5px;
        padding: 5px;
        background-color: #efefef;}

</style>
```

```
<body>
    <h1>The Evolution of the Bicycle</h1>
    <p>In 1817 Baron von Drais invented a walking machine that
would help him get around the royal gardens faster.</p>
    <p>The device known as the Draisienne (or "hobby horse") was
made of wood, and propelled by pushing your feet on the ground in a
gliding movement.</p>
    <p>It was not seen as suitable for any place other than a
well maintained pathway. </p>
    <p>In 1865, the velocipede (meaning "fast foot") attached
pedals to the front wheel, but its wooden structure made it extremely
uncomfortable. </p>
```

```
<p>In 1870 the first all-metal machine appeared. The pedals
were attached directly to the front wheel.
<p>Solid rubber tires and the long spokes of the large
front wheel provided a much smoother ride than its predecessor.</p>
</body>
```

## 2.8 BÀI TẬP 8

### 2.8.1 Thời lượng: 15 phút

### 2.8.2 Mô tả bài toán: Clearing Float- Clear

### The Evolution of the Bicycle

In 1817 Baron von Drais invented a walking machine that would help him get around the royal gardens faster.

The device know as the Draisienne (or "hobby horse") was made of wood, and propelled by pushing your feed on the ground in a gliding movement.

It was not seen a suitable for any place other than a well maintained pathway.

In 1865, the velocipede (meaning "fast foot") attached pedals to the front wheel, but its wooden structure made it extremely uncomfortable.

In 1870 the first all-metal machine appeared. The pedals were attached directly to the front wheel.

Solid rubber tires and the long spokes of the large front wheel provided a much smoother ride than its predecessor.

### 2.8.3 Các bước thực hiện:

```
<style>
    body {
        width: 750px;
        font-family: Arial, Verdana, sans-serif;
        color: #665544;}
    p {
        width: 230px;
        float: left;
        margin: 5px;
        padding: 5px;
        background-color: #efefef;}
    .clear {
        clear: left;}
</style>
```

```
<body>
    <h1>The Evolution of the Bicycle</h1>
    <p>In 1817 Baron von Drais invented a walking machine that
would help him get around the royal gardens faster.</p>
```

```

    <p>The device know as the Draisienne (or "hobby horse") was
    made of wood, and propelled by pushing your feed on the ground in a
    gliding movement.</p>
    <p>It was not seen a suitable for any place other than a
    well maintained pathway. </p>
    <p class="clear">In 1865, the velocipede (meaning "fast
    foot") attached pedals to the front wheel, but its wooden structure made
    it extremely uncomfortable.</p>
    <p>In 1870 the first all-metal machine appeared. The pedals
    were attached directly to the front wheel.
    <p>Solid rubber tires and the long spokes of the large
    front wheel provided a much smoother ride than its predecessor.</p>
  </body>

```

## 2.9 BÀI TẬP 9

### 2.9.1 Thời lượng: 15 phút

### 2.9.2 Mô tả bài toán: Parents Of Floated Elements

#### Problem

The Evolution of the Bicycle	
In 1817 Baron von Drais invented a walking machine that would help him get around the royal gardens faster.	The device know as the Draisienne (or "hobby horse") was made of wood, and propelled by pushing your feed on the ground in a gliding movement.
It was not seen a suitable for any place other than a well maintained pathway.	
In 1865, the velocipede (meaning "fast foot") attached pedals to the front wheel, but its wooden structure made it extremely uncomfortable.	In 1870 the first all-metal machine appeared. The pedals were attached directly to the front wheel.
	Solid rubber tires and the long spokes of the large front wheel provided a much smoother ride than its predecessor.

```

<style >

    body {
        width: 752px;
        font-family: Arial, Verdana, sans-serif;
        color: #665544;}

    div {
        border: 1px solid #665544;}

    p {
        width: 230px;
        float: left;
        margin: 10px;}

```

```
.clear {
    clear: both;}

</style>
```

## Solution

### The Evolution of the Bicycle

In 1817 Baron von Drais invented a walking machine that would help him get around the royal gardens faster.	The device know as the Draisienne (or "hobby horse") was made of wood, and propelled by pushing your feed on the ground in a gliding movement.	It was not seen a suitable for any place other than a well maintained pathway.
In 1865, the velocipede (meaning "fast foot") attached pedals to the front wheel, but its wooden structure made it extremely uncomfortable.	In 1870 the first all-metal machine appeared. The pedals were attached directly to the front wheel.	Solid rubber tires and the long spokes of the large front wheel provided a much smoother ride than its predecessor.

## 2.9.3 Các bước thực hiện:

```
<body>
    <h1>The Evolution of the Bicycle</h1>
    <div>
        <p>In 1817 Baron von Drais invented a walking
machine that would help him get around the royal gardens faster.</p>
        <p>The device know as the Draisienne (or "hobby
horse") was made of wood, and propelled by pushing your feed on the
ground in a gliding movement.</p>
        <p>It was not seen a suitable for any place other
than a well maintained pathway. </p>
        <p class="clear">In 1865, the velocipede (meaning
"fast foot") attached pedals to the front wheel, but its wooden
structure made it extremely uncomfortable.</p>
        <p>In 1870 the first all-metal machine appeared. The
pedals were attached directly to the front wheel.
        <p>Solid rubber tires and the long spokes of the
large front wheel provided a much smoother ride than its
predecessor.</p>
    </div>
</body>
```

## Solution

```
<style >

    body {
        width: 752px;
        font-family: Arial, Verdana, sans-serif;
        color: #665544;}

    div {
        border: 1px solid #665544;
        overflow: auto;
        width: 100%;}

    p {
```



```

width: 230px;
float: left;
margin: 10px;}
.clear {
clear: both;}
</style>

```

## 2.10 BÀI TẬP 10

### 2.10.1 Thời lượng: 15 phút

### 2.10.2 Mô tả bài toán: Creating Multi-Column Layout With Floats

#### The Evolution of the Bicycle

##### The First Bicycle

In 1817 Baron von Drais invented a walking machine that would help him get around the royal gardens faster: two same-size in-line wheels, the front one steerable, mounted in a frame upon which you straddled. The device was propelled by pushing your feet against the ground, thus rolling yourself and the device forward in a sort of gliding walk.

The machine became known as the Draisienne (or "hobby horse"). It was made entirely of wood. This enjoyed a short lived popularity as a fad, not being practical for transportation in any other place than a well maintained pathway such as in a park or garden.

##### Further Innovations

The next appearance of a two-wheeled riding machine was in 1865, when pedals were applied directly to the front wheel. This machine was known as the velocipede (meaning "fast foot") as well as the "bone shaker," since its wooden structure combined with the cobblestone roads of the day made for an extremely uncomfortable ride. They also became a fad and indoor riding academies, similar to roller rinks, could be found in large cities.

In 1870 the first all-metal machine appeared. (Prior to this, metallurgy was not advanced enough to provide metal which was strong enough to make small, light parts out of.) The pedals were attached directly to the front wheel with no freewheeling mechanism. Solid rubber tires and the long spokes of the large front wheel provided a much smoother ride than its predecessor.

##### Bicycle Timeline

- 1817: Draisienne
- 1865: Velocipede
- 1870: High-wheel bicycle
- 1876: High-wheel safety
- 1885: Hard-tired safety
- 1888: Pneumatic safety

### Columns two

```

<body>
  <h1>The Evolution of the Bicycle</h1>
  <div class="column1of2">
    <h3>The First Bicycle</h3>
    <p>In 1817 Baron von Drais ..... gliding walk.</p>
    <p>The machine became known ..... garden.</p>
    <h3>Further Innovations</h3>
    <p>The next appearance of a ..... large cities.</p>
    <p>In 1870 the first all-..... predecessor.</p>
  </div>

  <div class="column2of2">
    <h3>Bicycle Timeline</h3>
    <ul>
      <li>1817: Draisienne</li>
      <li>1865: Velocipede</li>

```

```

<li>1870: High-wheel bicycle</li>
<li>1876: High-wheel safety</li>
<li>1885: Hard-tired safety</li>
<li>1888: Pneumatic safety</li>
</ul>
</div>
</body>

```

```

<style >

    body {
        width: 960px;
        font-family: Arial, Verdana, sans-serif;
        color: #665544;}

    .column1of2 {
        float: left;
        width: 620px;
        margin: 10px;}

    .column2of2 {
        float: left;
        width: 300px;
        margin: 10px;}

</style>

```

## Columns three

### The Evolution of the Bicycle

#### The First Bicycle

In 1817 Baron von Drais invented a walking machine that would help him get around the royal gardens faster: two same-size in-line wheels, the front one steerable, mounted in a frame upon which you straddled. The device was propelled by pushing your feet against the ground, thus rolling yourself and the device forward in a sort of gliding walk.

The machine became known as the Draisienne (or "hobby horse"). It was made entirely of wood. This enjoyed a short lived popularity as a fad, not being practical for transportation in any other place than a well maintained pathway such as in a park or garden.

#### Further Innovations

The next appearance of a two-wheeled riding machine was in 1865, when pedals were applied directly to the front wheel. This machine was known as the velocipede (meaning "fast foot") as well as the "bone shaker," since it's wooden structure combined with the cobblestone roads of the day made for an extremely uncomfortable ride. They also became a fad and indoor riding academies, similar to roller rinks, could be found in large cities.

In 1870 the first all-metal machine appeared. (Prior to this, metallurgy was not advanced enough to provide metal which was strong enough to make small, light parts out of.) The pedals were attached directly to the front wheel with no freewheeling mechanism. Solid rubber tires and the long spokes of the large front wheel provided a much smoother ride than its predecessor.

#### Bicycle Timeline

- 1817: Draisienne
- 1865: Velocipede
- 1870: High-wheel bicycle
- 1876: High-wheel safety
- 1885: Hard-tired safety
- 1888: Pneumatic safety

```

<body>
    <h1>The Evolution of the Bicycle</h1>
    <div class="column1of3">
        <h3>The First Bicycle</h3>
        <p>In 1817 Baron von Drais ..... walk.</p>
        <p>The machine became ..... garden.</p>
    </div>

```

```
</div>

<div class="column2of3">
    <h3>Further Innovations</h3>
    <p>The next appearance of a ..... large cities.</p>
    <p>In 1870 the first all-..... predecessor.</p>
</div>

<div class="column3of3">
    <h3>Bicycle Timeline</h3>
    <ul>
        <li>1817: Draisienne</li>
        <li>1865: Velocipede</li>
        <li>1870: High-wheel bicycle</li>
        <li>1876: High-wheel safety</li>
        <li>1885: Hard-tired safety</li>
        <li>1888: Pneumatic safety</li>
    </ul>
</div>
</body>
```

```
<style >

    body {
        width: 960px;
        font-family: Arial, Verdana, sans-serif;
        color: #665544;}

    .column1of3, .column2of3, .column3of3 {
        width: 300px;
        float: left;
        margin: 10px;}

</style>
```

## 2.11 BÀI TẬP 11

### 2.11.1 Thời lượng: 15 phút

### 2.11.2 Mô tả bài toán: A Fixed Width Layout



### 2.11.3 Các bước thực hiện:

```
<body>
    <div id="header">
        <h1>Logo</h1>
        <div id="nav">
            <ul>
                <li><a href="">Home</a></li>
                <li><a href="">Products</a></li>
                <li><a href="">Services</a></li>
                <li><a href="">About</a></li>
                <li><a href="">Contact</a></li>
            </ul>
        </div>
    </div>

    <div id="content">
        <div id="feature">
            <p>Feature</p>
        </div>
        <div class="article column1">
            <p>Column One</p>
        </div>
        <div class="article column2">
            <p>Column Two</p>
        </div>
        <div class="article column3">
            <p>Column Three</p>
        </div>
    </div>

    <div id="footer">
        <p>&copy; Copyright 2011</p>
    </div>
</body>
```

```
<style type="text/css">
  * {
    font-family: Arial, Verdana, sans-serif;
    color: #665544;
    text-align: center;}

  body {
    width: 960px;
    margin: 0 auto;}

  #content {
    overflow: auto;
    height: 100%;}

  #nav, #feature, #footer {
    background-color: #efefef;
    padding: 10px;
    margin: 10px;}

  .column1, .column2, .column3 {
    background-color: #efefef;
    width: 300px;
    float: left;
    margin: 10px;}

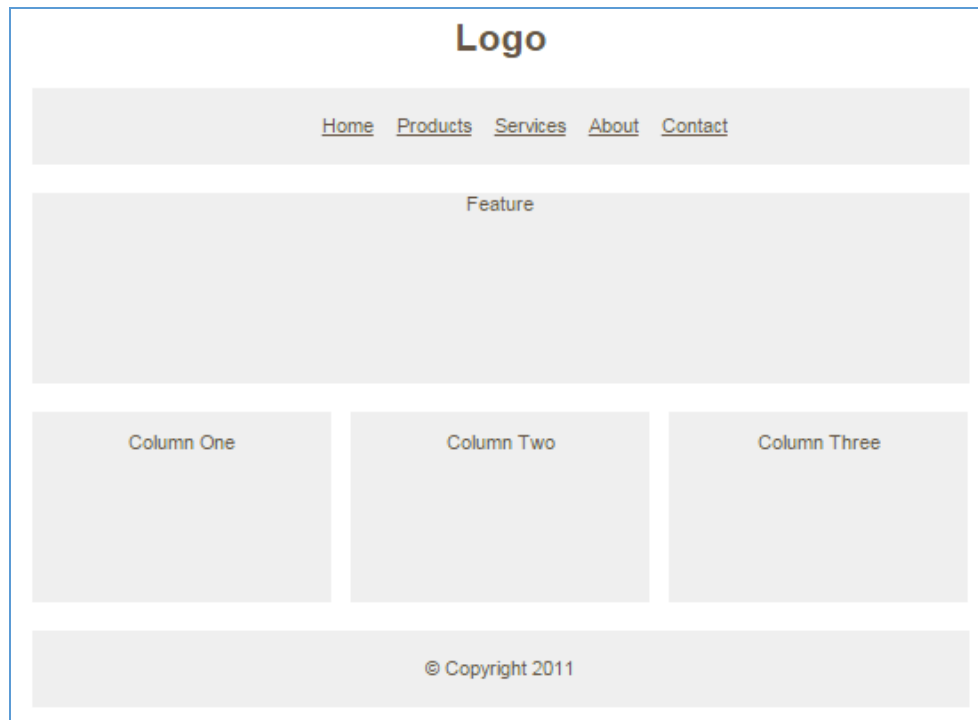
  li {
    display: inline;
    padding: 5px;}

</style>
```

## 2.12 BÀI TẬP 12

### 2.12.1 Thời lượng: 15 phút

### 2.12.2 Mô tả bài toán: A Liquid Layout



### 2.12.3 Các bước thực hiện:

```
<body>
    <div id="header">
        <h1>Logo</h1>
        <div id="nav">
            <ul>
                <li><a href="">Home</a></li>
                <li><a href="">Products</a></li>
                <li><a href="">Services</a></li>
                <li><a href="">About</a></li>
                <li><a href="">Contact</a></li>
            </ul>
        </div>
    </div>

    <div id="content">
        <div id="feature">
            <p>Feature</p>
        </div>
        <div class="article column1">
            <p>Column One</p>
        </div>
    </div>
```

```
<div class="article column2">
    <p>Column Two</p>
</div>
<div class="article column3">
    <p>Column Three</p>
</div>
</div>

<div id="footer">
    <p>&copy; Copyright 2011</p>
</div>
</body>
```

```
<style type="text/css">
    * {
        font-family: Arial, Verdana, sans-serif;
        color: #665544;
        text-align: center;}
    body {
        width: 90%;
        margin: 0 auto;}
    #content {
        overflow: auto;}
    #nav, #feature, #footer {
        margin: 1%;}
    .column1, .column2, .column3 {
        width: 31.3%;
        float: left;
        margin: 1%;}
    .column3 {
        margin-right: 0%;}
    li {
        display: inline;
        padding: 0.5em;}
    #nav, #footer {
        background-color: #efefef;
        padding: 0.5em 0;}
    #feature, .article {
        height: 10em;
        margin-bottom: 1em;
        background-color: #efefef;}

</style>
```

# IMAGES

---

## 1 Lý thuyết:

- Controlling size of images in CSS
- Aligning images in CSS
- Adding background images

## 2 Bài tập thực hành

### 2.1 BÀI TẬP 1

2.1.1 Thời lượng: 15 phút

2.1.2 Mô tả bài toán: controlling sizes of images in css



2.1.3 Các bước thực hiện:

```
<body>



</body>
```

```
<style >

    img.large {
        width: 500px;
        height: 500px;
    }
    img.medium {
```



```

width: 250px;
height: 250px;}
img.small {
width: 100px;
height: 100px;}
</style>

```

## 2.2 BÀI TẬP 2

### 2.2.1 Thời lượng: 15 phút

### 2.2.2 Mô tả bài toán: Aligning images using css



### 2.2.3 Các bước thực hiện:

```

<body>

<p>
<b><i>Magnolia</i></b> is a large genus that contains over 200 flowering
plant species. It is named after French botanist Pierre Magnol and,
having evolved before bees appeared, the flowers were developed to
encourage pollination by beetle.</p>

<p>
Some magnolias, such as <i>Magnolia stellata</i> and <i>Magnolia
soulangeana</i>, flower quite early in the spring before the leaves
open. Others flower in late spring or early summer, such as <i>Magnolia
grandiflora</i>.</p>

</body>

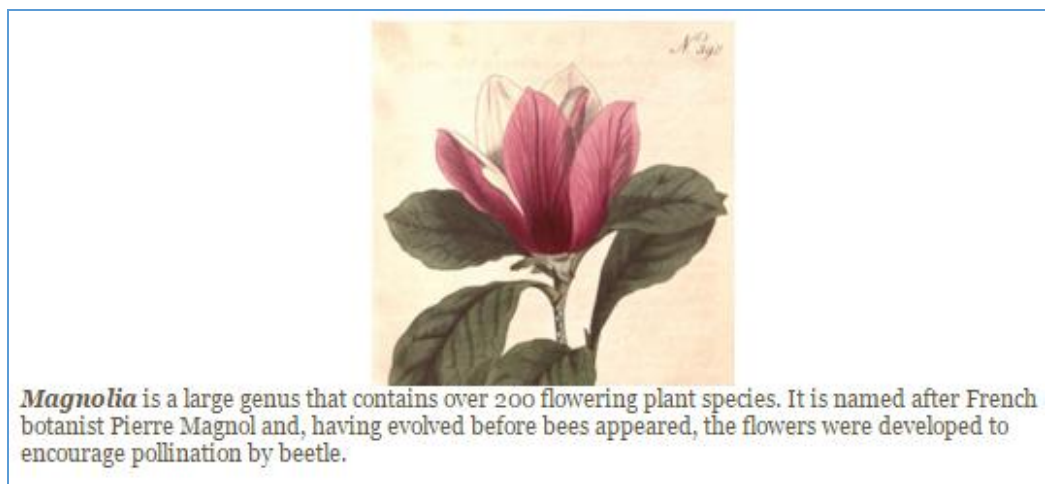
```

```
<style >
    body {
        font-family: Georgia, "Times New Roman", serif;
        color: #665544;}
    img.align-left {
        float: left;
        margin-right: 10px;}
    img.align-right {
        float: right;
        margin-left: 10px;}
    img.medium {
        width: 250px;
        height: 250px;}
</style>
```

## 2.3 BÀI TẬP 3

### 2.3.1 Thời lượng: 15 phút

### 2.3.2 Mô tả bài toán: centering images using css



### 2.3.3 Các bước thực hiện:

```
<body>
    <p><b><i>Magnolia</i></b> is a large genus that contains over 200
    flowering plant species. It is named after French botanist Pierre Magnol
    and, having evolved before bees appeared, the flowers were developed to
    encourage pollination by beetle.</p>
</body>
```

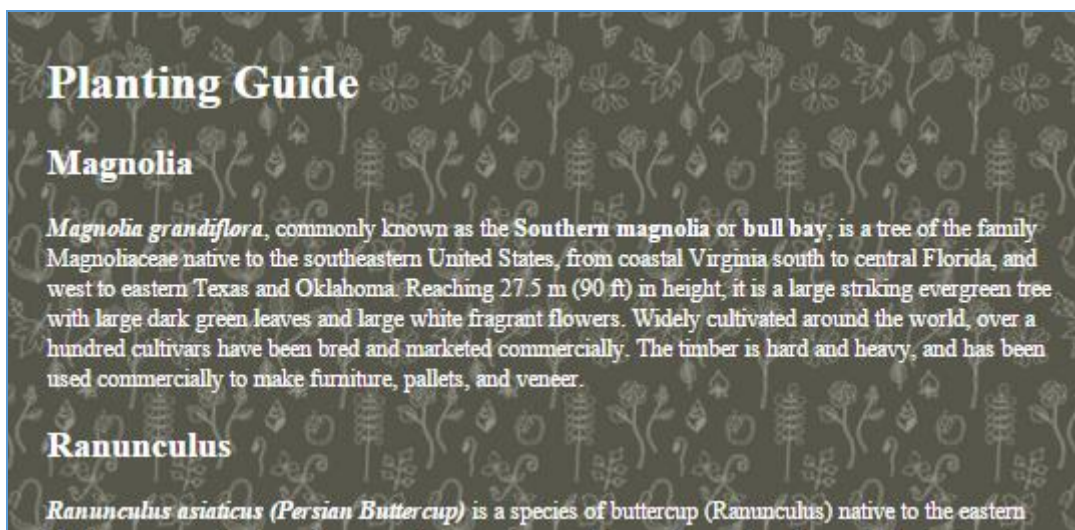
```
<style>
    body {
        font-family: Georgia, "Times New Roman", serif;
        color: #665544;}
```

```
img.align-center {  
    display: block;  
    margin: 0px auto;}  
img.medium {  
    width: 250px;  
    height: 250px;}  
</style>
```

## 2.4 BÀI TẬP 4

### 2.4.1 Thời lượng: 15 phút

### 2.4.2 Mô tả bài toán: background image : background-image



```
<style>  
    body {  
        background-image: url("images/pattern.gif");  
        color: white;  
        padding: 20px;}  
</style>
```

## Planting Guide

### Magnolia

*Magnolia grandiflora*, commonly known as the **Southern magnolia** or **bull bay**, is a tree of the family Magnoliaceae native to the southeastern United States, from coastal Virginia south to central Florida, and west to eastern Texas and Oklahoma. Reaching 27.5 m (90 ft) in height, it is a large striking evergreen tree with large dark green leaves and large white fragrant flowers. Widely cultivated around the world, over a hundred cultivars have been bred and marketed commercially. The timber is hard and heavy, and has been used commercially to make furniture, pallets, and veneer.

### Ranunculus

*Ranunculus asiaticus* (*Persian Buttercup*) is a species of buttercup (Ranunculus) native to the eastern Mediterranean region in southwestern Asia, southeastern Europe (Crete, Karpathos and Rhodes), and northeastern Africa. It is a herbaceous perennial plant growing to 45 cm tall, with

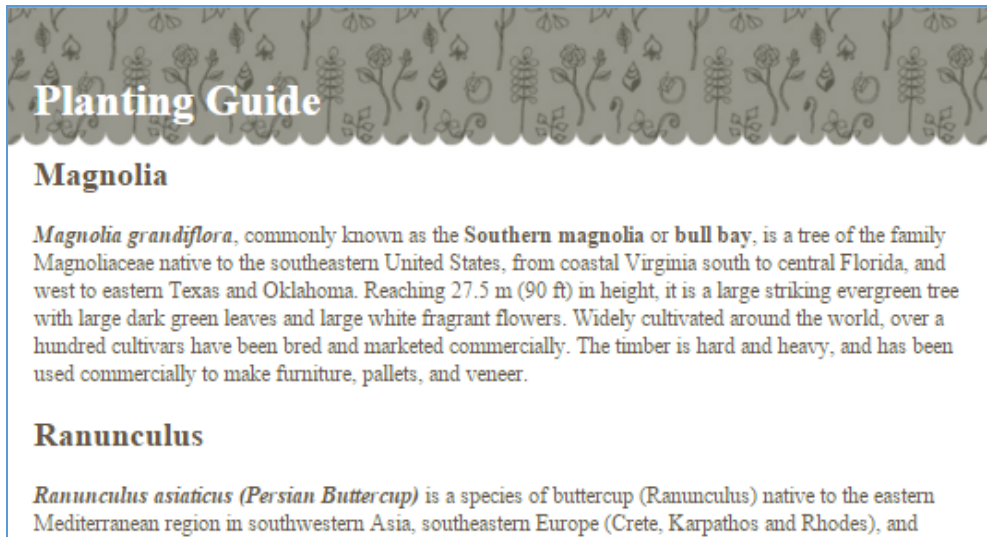
```
<style>
    body {
        color: #665544;
        padding: 20px;}

    p {
        background-image: url("images/pattern.gif");
        color: white;
        padding: 20px;}
</style>
```

## 2.5 BÀI TẬP 5

### 2.5.1 Thời lượng: 15 phút

### 2.5.2 Mô tả bài toán: Repeating images : background-repeat, background-attachment



```
<style>
    body {
        background-image: url("images/header.gif");
        background-repeat: repeat-x;
        color: #665544;
        padding: 20px;}
    h1 {
        color: white;}
</style>
```

## Planting Guide

### Magnolia

*Magnolia grandiflora*, commonly known as the **Southern magnolia** or **bull bay**, is a tree of the family Magnoliaceae native to the southeastern United States, from coastal Virginia south to central Florida, and west to eastern Texas and Oklahoma. Reaching 27.5 m (90 ft) in height, it is a large striking evergreen tree with large dark green leaves and large white fragrant flowers. Widely cultivated around the world, over a hundred cultivars have been bred and marketed commercially. The timber is hard and heavy, and has been used commercially to make furniture, pallets, and veneer.

### Ranunculus

*Ranunculus asiaticus* (*Persian Buttercup*) is a species of buttercup (Ranunculus) native to the eastern Mediterranean region in southwestern

```
<style>
    body {
        background-image: url("images/tulip.gif");
        background-repeat: no-repeat;
        background-attachment: fixed;
        color: #665544;
        padding: 20px;}
</style>
```



## 2.6 BÀI TẬP 6

### 2.6.1 Thời lượng: 15 phút

### 2.6.2 Mô tả bài toán: background position



```
<style >
    body {
        background-image: url("images/tulip.gif");
        background-repeat: no-repeat;
        background-position: center top;
        color: #665544;
        padding: 20px;}
</style>
```

## 2.7 BÀI TẬP 7

2.7.1 Thời lượng: 15 phút

2.7.2 Mô tả bài toán: shorthand : background

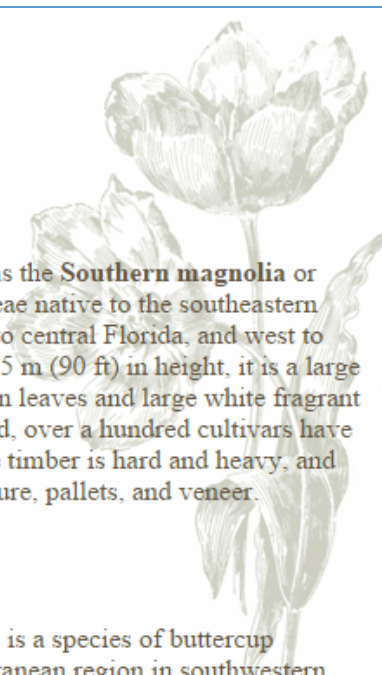
### Planting Guide

#### Magnolia

*Magnolia grandiflora*, commonly known as the **Southern magnolia** or **bull bay**, is a tree of the family Magnoliaceae native to the southeastern United States, from coastal Virginia south to central Florida, and west to eastern Texas and Oklahoma. Reaching 27.5 m (90 ft) in height, it is a large striking evergreen tree with large dark green leaves and large white fragrant flowers. Widely cultivated around the world, over a hundred cultivars have been bred and marketed commercially. The timber is hard and heavy, and has been used commercially to make furniture, pallets, and veneer.

#### Ranunculus

*Ranunculus asiaticus* (*Persian Buttercup*) is a species of buttercup (*Ranunculus*) native to the eastern Mediterranean region in southwestern



2.7.3 Các bước thực hiện:

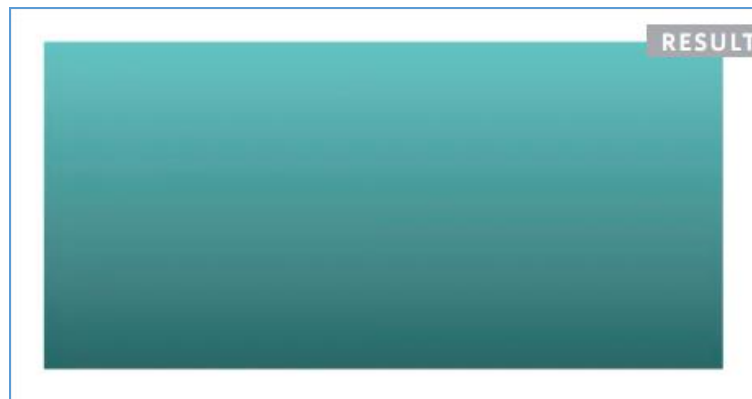
```
<style >
  body
  {
    background: #ffffff url("images/tulip.gif") no-repeat top right;
    color: #665544;
    padding: 20px;}
</style>
```



## 2.8 BÀI TẬP 8

2.8.1 Thời lượng: 15 phút

2.8.2 Mô tả bài toán: Gradients : background-image



2.8.3 Các bước thực hiện:

```
<body>
  <div id="gradient">
  </div>
</body>
```

```
<style>
  #gradient {

    background-color: #66cccc;
    background-image: url("images/fallback-image.png");
    background-image: -moz-linear-gradient(#336666, #66cccc);
    background-image: -webkit-gradient(linear, 0% 0%, 0% 100%,
from(#66cccc), to(#336666));
    background-image: -webkit-linear-gradient(#336666,
#66cccc);
    background-image: -o-linear-gradient(#336666, #66cccc);
    height: 150px;
    width: 300px;}

</style>
```

## 2.9 BÀI TẬP 9

2.9.1 Thời lượng: 15 phút

2.9.2 Mô tả bài toán: Review



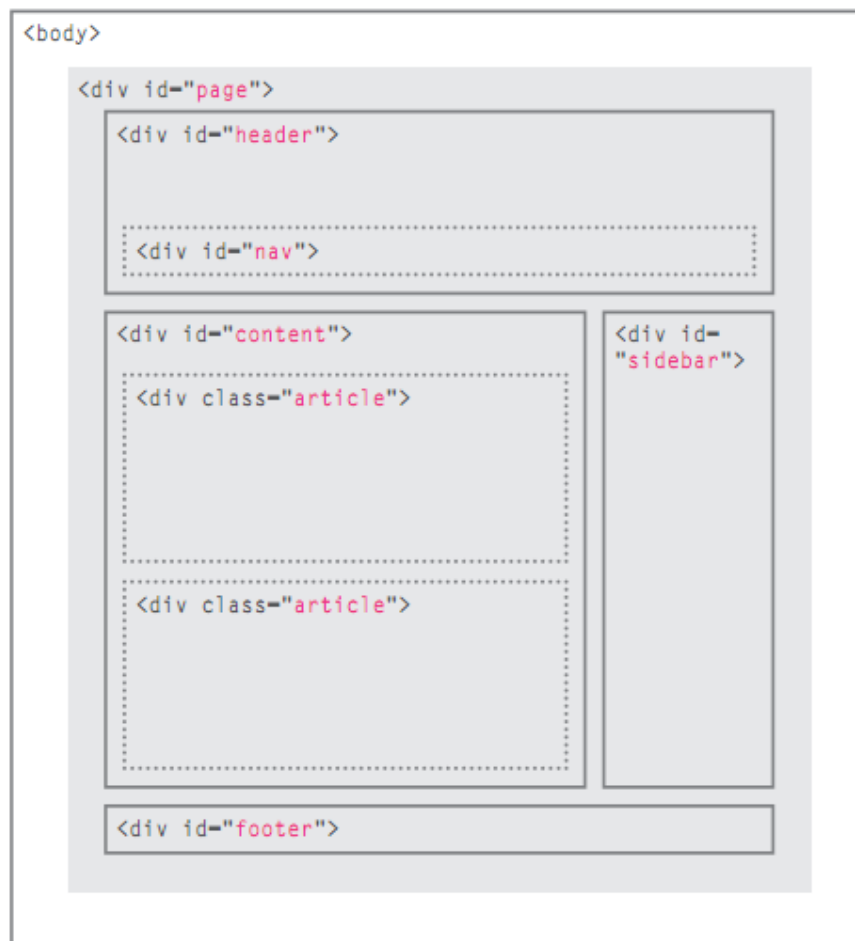
# HTML5 LAYOUT

---

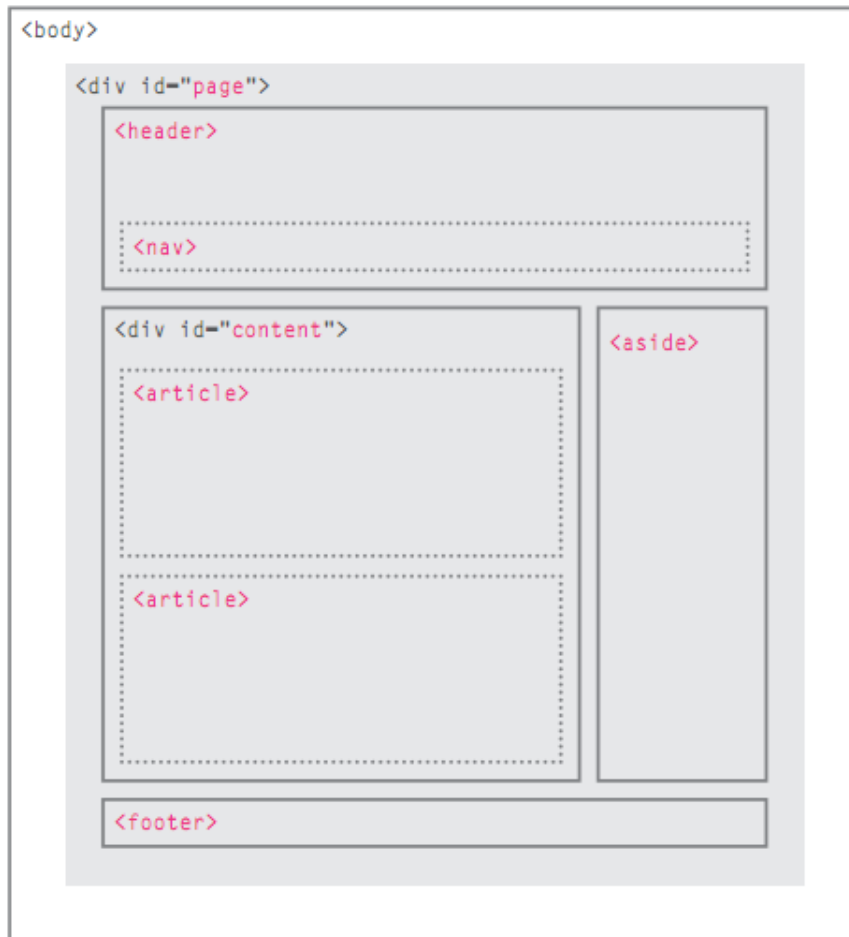
## 1 Lý thuyết:

- HTML5 layout elements
- How old browsers understand new elements
- Styling HTML5 layout elements with CSS

## TRADITIONAL HTML LAYOUTS



# NEW HTML5 LAYOUT ELEMENTS

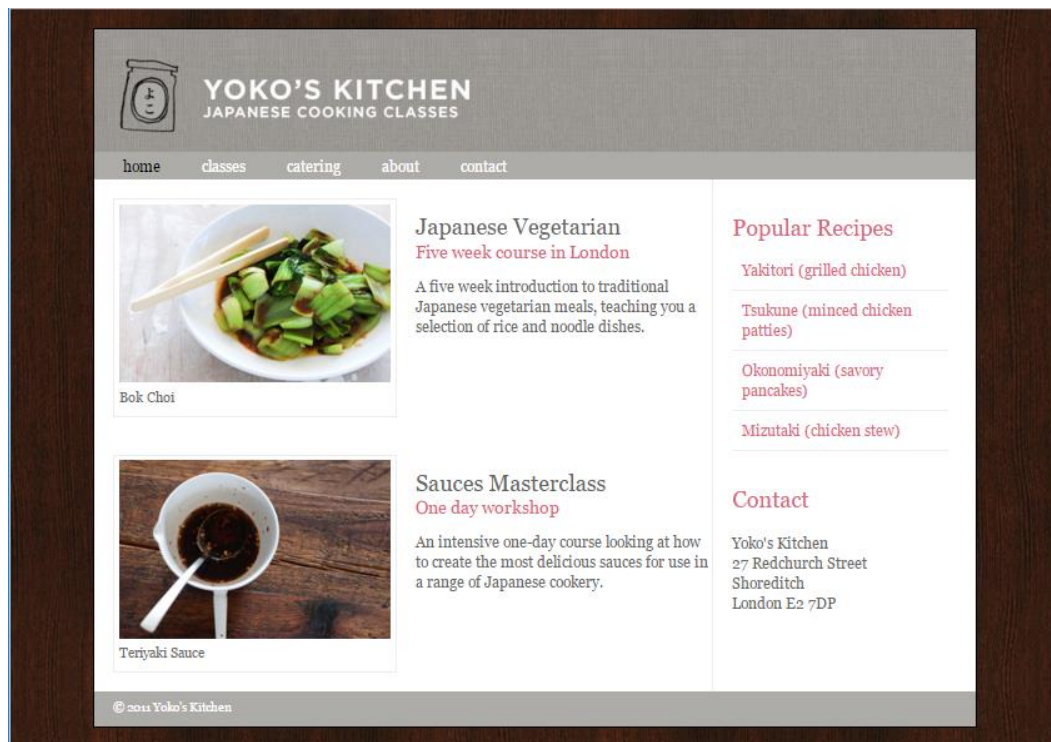


## 2 Bài tập thực hành

### 2.1 BÀI TẬP 1

2.1.1 Thời lượng:

2.1.2 Mô tả bài toán:



### 2.1.3 Các bước thực hiện:

```
<html>
  <head>
    <title>HTML5 Layout</title>
    <style type="text/css">
      header, section, footer, aside, nav, article,
figure, figcaption {
        display: block;}
      body {
        color: #666666;
        background-color: #f9f8f6;
        background-image: url("images/dark-
wood.jpg");
        background-position: center;
        font-family: Georgia, Times, serif;
        line-height: 1.4em;
        margin: 0px;}
      .wrapper {
        width: 940px;
        margin: 20px auto 20px auto;
        border: 2px solid #000000;
        background-color: #ffffff;}
      header {
        height: 160px;
        background-image: url(images/header.jpg);}
      h1 {
        text-indent: -9999px;
        width: 940px;
```

```
        height: 130px;
        margin: 0px;}
nav, footer {
    clear: both;
    color: #ffffff;
    background-color: #aeaca8;
    height: 30px;}
nav ul {
    margin: 0px;
    padding: 5px 0px 5px 30px;}
nav li {
    display: inline;
    margin-right: 40px;}
nav li a {
    color: #ffffff;}
nav li a:hover, nav li a.current {
    color: #000000;}
section.courses {
    float: left;
    width: 659px;
    border-right: 1px solid #eeeeee;}
article {
    clear: both;
    overflow: auto;
    width: 100%;}
hgroup {
    margin-top: 40px;}
figure {
    float: left;
    width: 290px;
    height: 220px;
    padding: 5px;
    margin: 20px;
    border: 1px solid #eeeeee;}
figcaption {
    font-size: 90%;
    text-align: left;}
aside {
    width: 230px;
    float: left;
    padding: 0px 0px 0px 20px;}
aside section a {
    display: block;
    padding: 10px;
    border-bottom: 1px solid #eeeeee;}
aside section a:hover {
    color: #985d6a;
    background-color: #efefef;}
a {
    color: #de6581;
    text-decoration: none;}
h1, h2, h3 {
    font-weight: normal;}
h2 {
    margin: 10px 0px 5px 0px;
```

```

        padding: 0px;}
h3 {
    margin: 0px 0px 10px 0px;
    color: #de6581;}
aside h2 {
    padding: 30px 0px 10px 0px;
    color: #de6581;}
footer {
    font-size: 80%;
    padding: 7px 0px 0px 20px;}
</style>

```

```

<body>
  <div class="wrapper">
    <header>
      <h1>Yoko's Kitchen</h1>
      <nav>
        <ul>
          <li><a href="" class="current">home</a></li>
          <li><a href="">classes</a></li>
          <li><a href="">catering</a></li>
          <li><a href="">about</a></li>
          <li><a href="">contact</a></li>
        </ul>
      </nav>
    </header>
    <section class="courses">
      <article>
        <figure>
          
          <figcaption>Bok Choi</figcaption>
        </figure>
        <hgroup>
          <h2>Japanese Vegetarian</h2>
          <h3>Five week course in London</h3>
        </hgroup>
        <p>A five week introduction to traditional Japanese
vegetarian meals, teaching you a selection of rice and noodle
dishes.</p>
      </article>

      <article>
        <figure>
          
          <figcaption>Teriyaki Sauce</figcaption>
        </figure>
        <hgroup>
          <h2>Sauces Masterclass</h2>
          <h3>One day workshop</h3>
        </hgroup>

```

```
<p>An intensive one-day course looking at how to  
create the most delicious sauces for use in a range of Japanese  
cookery.</p>
```

```
</article>
```

```
</section>
```

```
<aside>
```

```
<section class="popular-recipes">
```

```
<h2>Popular Recipes</h2>
```

```
<a href="">Yakitori (grilled chicken)</a>
```

```
<a href="">Tsukune (minced chicken patties)</a>
```

```
<a href="">Okonomiyaki (savory pancakes)</a>
```

```
<a href="">Mizutaki (chicken stew)</a>
```

```
</section>
```

```
<section class="contact-details">
```

```
<h2>Contact</h2>
```

```
<p>Yoko's Kitchen<br />
```

```
27 Redchurch Street<br />
```

```
Shoreditch<br />
```

```
London E2 7DP</p>
```

```
</section>
```

```
</aside>
```

```
<footer>
```

```
&copy; 2011 Yoko's Kitchen
```

```
</footer>
```

```
</div>
```

```
</body>
```