

**ĐẠI HỌC QUỐC GIA THÀNH PHỐ HỒ CHÍ MINH**  
**TRƯỜNG ĐẠI HỌC CÔNG NGHỆ THÔNG TIN**  
**KHOA KHOA HỌC VÀ KỸ THUẬT THÔNG TIN**

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**MÔN QUẢN LÝ THÔNG TIN**  
**BÀI TẬP THỰC HÀNH 01**

**GVHD:** Võ Tấn Khoa

Sinh viên thực hiện: Phạm Gia Bảo (22520115)

[illegible]

(Ký tên và ghi rõ họ tên)

# NỘI DUNG BÀI LÀM

## 1. Bài\_TH01

### a. Khởi và cấu trúc nội dung

- i. Sử dụng các loại tài liệu cấu trúc thích hợp như DOCTYPE, và các phần tử <html>, <head>, <body>.

```

1 | <!--22520115-->
2 | <!DOCTYPE html>
3 | <html lang="en">
4 |   <head>
5 |     <title>Letter from Dr. Eleanor Gaye</title>
6 |     <meta charset="utf-8">
7 |     <link rel="stylesheet" href="Bai01.css">
8 |     <meta name="author" content="Dr. Eleanor Gaye">
9 |   </head>
10 |   <body>
11 |     <address class="sender-column">
12 |       <strong>Dr. Eleanor Gaye</strong><br>
13 |       Awesome Science faculty<br>
14 |       University of Awesome<br>
15 |       Bobtown, CA 99999,<br>
16 |       USA <br>
17 |       <strong>Tel:</strong> 123-456-7890 <br>
18 |       <strong>Email:</strong> no_reply@example.com <br><br>
19 |       20 January 2016 <br><br>
20 |     </address>
21 |     <address>
22 |       <strong>Miss Eileen Dover</strong><br>
23 |       4321 Cliff Top Edge <br>
24 |       Dover, CT9 XXX <br>
25 |       UK <br><br>
26 |     </address>
27 |     <h1>Re: Eileen Dover university application</h1>
28 |     <p>Dear Eileen,</p>
29 |     <p>Thank you for your recent application to join us at the
30 |       faculty to study as part of your <abbr title="Doctor of Philosophy"
31 |       the following sections.</p>
32 |     <h2>Starting dates</h2>
33 |     <p>We are happy to accommodate you starting your study with
34 |       suit us better if you could start at the beginning of
35 |       as follows:</p>
36 |     <ul>
37 |       <li>semester: 9 September 2016</li>

```

- ii. Bức thư phải được đánh dấu với cách tổ chức gồm các tiêu đề và đoạn văn, trừ một dòng tiêu đề cấp cao nhất (dòng “Re:”) và ba tiêu đề cấp 2.

```

47 |     <h1>Re: Eileen Dover university application</h1>
48 |     <p>Dear Eileen,</p>
49 |     <p>Thank you for your recent application to join us at the University of Awesome's science
50 |       faculty to study as part of your <abbr title="Doctor of Philosophy"
51 |       the following sections.</p>
52 |     <h2>Starting dates</h2>
53 |     <p>We are happy to accommodate you starting your study with us at any time, however it would
54 |       suit us better if you could start at the beginning of a semester; the start dates for each one are
55 |       as follows:</p>
56 |     <ul>
57 |       <li>semester: 9 September 2016</li>
58 |       <li>Second semester: 15 January 2017</li>
59 |       <li>Third semester: 2 May 2017</li>
60 |     </ul>
61 |     <p>Please let me know if this is ok, and if so which start date you would prefer.</p>
62 |     <p>You can find more information about <a href="https://uit.edu.vn" target="_blank">important university dates
63 |       <!--22520115-->
64 |     <h2>Subjects of study</h2>
65 |     <p>At the Awesome Science Faculty, we have a pretty open-minded research facility – as long
66 |       as the subjects fall somewhere in the realm of science and technology. You seem like an
67 |       intelligent, dedicated researcher, and just the kind of person we'd like to have on our team.
68 |       Saying that, of the ideas you submitted we were most intrigued by are as follows, in order
69 |       of priority:</p>
70 |     <ol>
71 |       <li>Turning H2O into wine, and the health benefits of Resveratrol (C<sub>sub>14</sub>/sub>H<sub>sub>12</sub>/sub>O<sub>sub>3</sub>/sub>
72 |       <li>Measuring the effect on performance of funk bassplayers at temperatures exceeding 30<sup>sup>o</sup>/sup>C
73 |       (B&sup>sup>e&sup>sup>e/sup>sup>), when the audience size exponentially increases (effect of 3 10<sup>sup>3</sup>/sup> increa
74 |       10<sup>sup>4</sup>/sup>)</li>
75 |     </ol>
76 |     <p>So please can you provide more information on each of these subjects, including how long
77 |       you'd expect the research to take, required staff and other resources, and anything else you
78 |       think we'd need to know? Thanks.</p>
79 |     <!--22520115-->
80 |     <h2>Exotic dance moves</h2>
81 |     <p>Yes, you are right! As part of my post-doctorate work, I <strong>did</strong> study exotic tribal dances. To
82 |       answer your question, my favourite dances are as follows, with definitions:</p>

```

### Re: Eileen Dover university application

Dear Eileen,

Thank you for your recent application to join us at the University of Awesome's science faculty to study as part of your PhD next year. I will answer your questions one by one, in the following sections.

#### Starting dates

We are happy to accommodate you starting your study with us at any time, however it would suit us better if you could start at the beginning of a semester; the start dates for each one are as follows:

- semester: 9 September 2016
- Second semester: 15 January 2017
- Third semester: 2 May 2017

Please let me know if this is ok, and if so which start date you would prefer.

You can find more information about [important university dates](#) on our website.

#### Subjects of study

At the Awesome Science Faculty, we have a pretty open-minded research facility — as long as the subjects fall somewhere in the realm of science and technology. You seem like an intelligent, dedicated researcher, and just the kind of person we'd like to have on our team. Saying that, of the ideas you submitted we were most intrigued by are as follows, in order of priority:

1. Turning H<sub>2</sub>O into wine, and the health benefits of Resveratrol (C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>.)
2. Measuring the effect on performance of funk bassplayers at temperatures exceeding 30°C (86°F), when the audience size exponentially increases (effect of  $3 \times 10^3$  increasing to  $3 \times 10^4$ .)
3. HTML and CSS constructs for representing musical scores.

So please can you provide more information on each of these subjects, including how long you'd expect the research to take, required staff and other resources, and anything else you think we'd need to know? Thanks.

#### Exotic dance moves

Yes, you are right! As part of my post-doctorate work, I **did** study exotic tribal dances. To answer your question,

- iii. Sử dụng các loại đánh dấu phù hợp để đánh dấu “semester start dates, study subjects, và exotic dances”.

```
<!--22520115-->
<ul>
  <li>semester: 9 September 2016</li>
  <li>Second semester: 15 January 2017</li>
  <li>Third semester: 2 May 2017</li>
</ul>
```

- semester: 9 September 2016
- Second semester: 15 January 2017
- Third semester: 2 May 2017

```
<!--22520115-->
<ol>
  <li>Turning H2O into wine, and the health benefits of Resveratrol (C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>.)
  <li>Measuring the effect on performance of funk bassplayers at temperatures exceeding 30<sup>o</sup><sup>C</sup>
    (86<sup>o</sup><sup>F</sup>), when the audience size exponentially increases (effect of 3 & 10<sup>3</sup><sup> increa
    10<sup>4</sup>.)</li>
  <li><abbr title="Hypertext Markup Language">HTML</abbr> and <abbr title="Cascading Style Sheets">CSS</abbr>
</ol>
```

1. Turning H<sub>2</sub>O into wine, and the health benefits of Resveratrol (C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>.)
2. Measuring the effect on performance of funk bassplayers at temperatures exceeding 30°C (86°F), when the audience size exponentially increases (effect of  $3 \times 10^3$  increasing to  $3 \times 10^4$ .)
3. HTML and CSS constructs for representing musical scores.

```
<!--22520115-->
<dl>
  <dt>Polynesian chicken dance</dt>
  <dd>A little known but <em>very</em> influential dance dating back as far as 300<abbr title="Before Cris">BC, a whole village would dance around in a circle like chickens, to encourage their livestock to be "fruitful".</dd>
  <dt>Icelandic brownian shuffle</dt>
  <dd>Before the Icelanders developed fire as a means of getting warm, they used to practice this dance, which involved huddling close together in a circle on the floor, and shuffling their bodies around in imperceptibly tiny, very rapid movements. One of my fellow students used to say that he thought this dance inspired modern styles such as Twerking.</dd>
  <dt>Arctic robot dance</dt>
  <dd>An interesting example of historic misinformation, English explorers in the 1960s believed to have discovered a new dance style characterized by "robotic", stilted movements, being practiced by inhabitants of Northern Alaska and Canada. Later on however it was discovered that they were just moving like this because they were really cold.</dd>
</dl>
```

Polynesian chicken dance  
A little known but very influential dance dating back as far as 300BC, a whole village would dance around in a circle like chickens, to encourage their livestock to be "fruitful".

Icelandic brownian shuffle  
Before the Icelanders developed fire as a means of getting warm, they used to practice this dance, which involved huddling close together in a circle on the floor, and shuffling their bodies around in imperceptibly tiny, very rapid movements. One of my fellow students used to say that he thought this dance inspired modern styles such as Twerking.

Arctic robot dance  
An interesting example of historic misinformation, English explorers in the 1960s believed to have discovered a new dance style characterized by "robotic", stilted movements, being practiced by inhabitants of Northern Alaska and Canada. Later on however it was discovered that they were just moving like this because they were really cold.

iv. Đặt 2 địa chỉ trong các phần tử <address>. Mỗi dòng của địa chỉ nên nằm trên một dòng mới, nhưng không nằm trong một đoạn mới.

```
<!--22520115-->|
<address class="sender-column">
  <strong>Dr. Eleanor Gaye</strong><br>
  Awesome Science faculty<br>
  University of Awesome<br>
  Bobtown, CA 99999,<br>
  USA <br>
  <strong>Tel:</strong> 123-456-7890 <br>
  <strong>Email:</strong> no_reply@example.com <br><br>
  20 January 2016 <br><br>
</address>
<address>
  <strong>Miss Eileen Dover</strong><br>
  4321 Cliff Top Edge <br>
  Dover, CT9 XXX <br>
  UK <br><br>
</address>
```

*Dr. Eleanor Gaye*  
*Awesome Science faculty*  
*University of Awesome*  
*Bobtown, CA 99999,*  
*USA*  
*Tel: 123-456-7890*  
*Email: no\_reply@example.com*  
  
*20 January 2016*

*Miss Eileen Dover*  
*4321 Cliff Top Edge*  
*Dover, CT9 XXX*  
*UK*

- b. Nội dung trong thư
  - i. Tên của người gửi (sender) và nhận (receiver) (cả điện thoại Tel và Email) phải được đánh dấu với mức độ quan trọng cao (strong importance).

```
<!--22520115-->  
<strong>Dr. Eleanor Gaye</strong><br>
```

*Dr. Eleanor Gaye*

```
<!--22520115-->  
<strong>Tel:</strong>
```

*Tel: 123-456-7890*

```
<!--22520115-->  
<strong>Email:</strong>
```

*Email: no\_reply@example.com*

```
<!--22520115-->  
<strong>Miss Eileen Dover</strong><br>
```

*Miss Eileen Dover*

- ii. Bốn ngày tháng xuất hiện trong bức thư phải được đánh dấu bằng các phần tử ngày tháng mà máy có thể đọc được.

```
<!--22520115-->  
<time datetime="2016-01-20">20 January 2016 </time> <br><br>
```

*20 January 2016*

```
<!--22520115-->  
<li>semester: <time datetime="2016-09-09">9 September 2016</time></li>  
<li>Second semester: <time datetime="2017-01-15">15 January 2017</time></li>  
<li>Third semester: <time datetime="2017-05-02">2 May 2017</time></li>
```

- semester: 9 September 2016
- Second semester: 15 January 2017
- Third semester: 2 May 2017

## IE104-Internet & công nghệ

- iii. Địa chỉ và ngày tháng đầu tiên trong thư phải có thuộc tính lớp (class) với giá trị là “sender-column”. Bởi vì nội dung CSS các bạn thêm vào sau sẽ giúp cho các phần tử này nằm bên phải theo như mẫu của bức thư.

```
<!--22520115-->
<address class="sender-column">
  <!--22520115-->
  <strong>Dr. Eleanor Gaye</strong><br>
  Awesome Science faculty<br>
  University of Awesome<br>
  Bobtown, CA 99999,<br>
  USA <br>
  <!--22520115-->
  <strong>Tel:</strong> 123-456-7890 <br>
  <!--22520115-->
  <strong>Email:</strong> no_reply@example.com <br><br>
  <!--22520115-->
  <time datetime="2016-01-20">20 January 2016 </time> <br><br>
</address>
```

*Dr. Eleanor Gaye*  
*Awesome Science faculty*  
*University of Awesome*  
*Bobtown, CA 99999,*  
*USA*  
*Tel: 123-456-7890*  
*Email: no\_reply@example.com*

*20 January 2016*

- iv. Đánh dấu năm từ viết tắt (acronyms/abbreviations) trong nội dung chính của bức thư – “PhD”, “HTML”, “CSS”, “BC”, và “Esq” – để cung cấp bản mở rộng giải thích cho từng chữ cái. (PhD – Doctor of Philosophy, BC – Before Christ, Esq – Esquire).

```
<!--22520115-->|
faculty to study as part of your <abbr title="Doctor of Philosophy">PhD</abbr>
```

your PhD next year.

```
<!--22520115-->
><abbr title="Hypertext Markup Language">HTML</abbr>
```

. HTML

```
<!--22520115-->  
<abbr title="Cascading Style Sheets">CSS</abbr>
```

CSS cc

```
<!--22520115-->  
<abbr title="Before Cris">BC</abbr>
```

300BC.

```
<!--22520115-->  
<abbr title="Esq Esquire">Esq</abbr>
```

*Bill S Preston, Esq*

- v. Sáu ký tự phụ/ ký tự trên (sub/superscript) phải được đánh dấu phù hợp theo công thức hóa học, ký hiệu số mũ trong toán học.

```
<!--22520115-->  
H<sub>2</sub>O
```

H<sub>2</sub>O

```
<!--22520115-->  
(C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>.)
```

(C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>.)

```
<!--22520115-->  
ng 30<sup>o</sup>C  
< 10<sup>3</sup> in
```

30°C (86°F),



```
(86<sup>o</sup>F),  
10<sup>4</sup>.)</p>  
<!--22520115-->
```

(effect of  $3 \times 10^3$  increasing to  $3 \times 10^4$ .)

- vi. Đánh dấu ít nhất hai từ thích hợp trong văn bản với mức độ quan trọng/nhấn mạnh (strong/emphasis).

```
<!--22520115-->  
I <b>did</b> study
```

I **did** study exotic tribal dances.

```
| <!--22520115-->  
<em>very</em> influ
```

A little known but *very* influential dance dating back as far as 300BC.

- vii. Có hai chỗ mà bức thư nên đặt siêu liên kết (hyperlink). Đối với vị trí mà các liên kết trở đến, bạn có thể sử dụng <https://uit.edu.vn> làm URL.

```
<!--22520115-->  
<a href="https://uit.edu.vn" target="_blank">important university dates</a>
```

t [important university dates](https://uit.edu.vn)

```
<!--22520115-->  
<a href="https://uit.edu.vn" target="_blank">see my exotic dance research page</a>
```

[see my exotic dance research page](https://uit.edu.vn).

- viii. Đánh dấu các trích dẫn phương châm đại học (quote) và trích dẫn (citation) với các yếu tố thích hợp.

```
<!--22520115-->  
<q>Be awesome to each other.</q>
```

“Be awesome to each other.”

```
<!--22520115-->  
<cite>The memoirs of Bill S Preston, <abbr title="Esq Esquire">Esq</abbr></cite>
```

Yours sincerely, Dr Eleanor Gaye University of Awesome motto: “Be awesome to each other.” -- *The memoirs of Bill S Preston, Esq*

c. Phần nội dung thẻ <head> của tập tin

```
<head>  
  <title>Letter from Dr. Eleanor Gaye</title>  
  <!--22520115-->  
  <meta charset="utf-8">  
  <!--22520115-->  
  <link rel="stylesheet" href="Bai01.css">  
  <!--22520115-->  
  <meta name="author" content="Dr. Eleanor Gaye">  
</head>
```

i. Bộ ký tự của tài liệu (character set) phải được đặt là “utf-8” bằng cách sử dụng thẻ <meta>.

```
<!--22520115-->  
<meta charset="utf-8">
```

ii. Tác giả của bức thư phải đặt trong một thẻ <meta>.

```
<!--22520115-->  
<meta name="author" content="Dr. Eleanor Gaye">
```

iii. CSS được cung cấp phải để trong thẻ thích hợp ở phần này.

```
<!--22520115-->  
<link rel="stylesheet" href="Bai01.css">
```

## 2. Bài\_TH02

a. Tiêu đề (header)

```
<!--22520115-->
<header>
  <h1>Birdwatching</h1>
  

  <nav>
    <ul>
      <li><span>Home</span></li>
      <li><a href="#">Get started</a></li>
      <li><a href="#">Photos</a></li>
      <li><a href="#">Gear</a></li>
      <li><a href="#">Forum</a></li>
    </ul>
  </nav>
</header>
```



b. Menu điều hướng (navigation menu).

```
<!--22520115-->
<nav>
  <ul>
    <li><span>Home</span></li>
    <li><a href="#">Get started</a></li>
    <li><a href="#">Photos</a></li>
    <li><a href="#">Gear</a></li>
    <li><a href="#">Forum</a></li>
  </ul>
</nav>
```



c. Nội dung chính (main content).

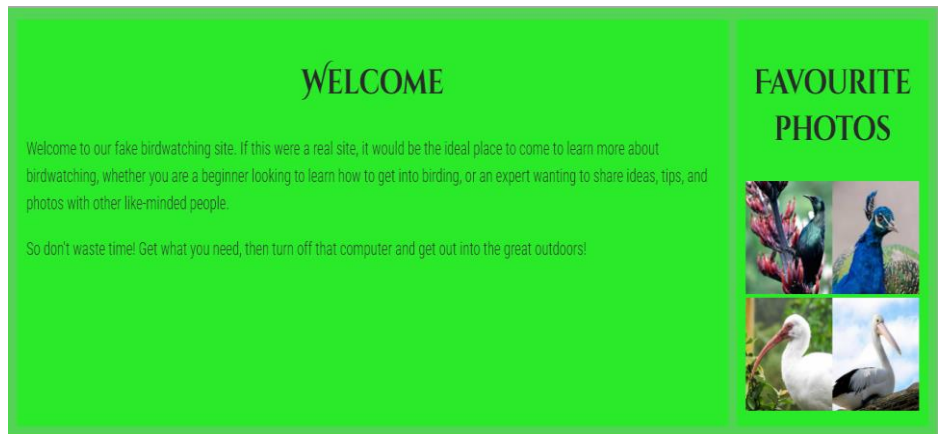
## IE104-Internet & công nghệ

```
<!--favicon-->
<body>
    <!--220x115-->
    <header>
        <h1birdwatching /h1
        
    </header>
    <nav>
        <ul>
            <li><a href="#home">home</a></li>
            <li><a href="#about">about started</a></li>
            <li><a href="#photos">photos</a></li>
            <li><a href="#gear">gear</a></li>
            <li><a href="#forum">forum</a></li>
        </ul>
    </nav>
    <main>
    </header>
    <main>
        <article>
            <h2Welcome</h2>

            <p>welcome to our fake birdwatching site. If this were a real site, it would be the ideal place to come to learn more about birdwatching, whether you are a beginner looking to learn how to get into birding, or an expert</p>

            <p>So don't waste time! Get what you need, then turn off that computer and get out into the great outdoors!</p>
        </article>
        <div id="
        <h2Favorite photos</h2>

        <a href="#favorite-1.jpg">img src="#favorite-1.th.jpg" alt="Small black bird, black claws, long black slender beak, links to larger version of the image"</a>
        <a href="#favorite-2.jpg">img src="#favorite-2.th.jpg" alt="Top half of a pretty bird with bright blue plumage on neck, light colored breast, blue headcrest, links to larger version of the image"</a>
        <a href="#favorite-3.jpg">img src="#favorite-3.th.jpg" alt="Top half of a large bird with white plumage, very long curved mirror light colored beak, links to larger version of the image"</a>
        <a href="#favorite-4.jpg">img src="#favorite-4.th.jpg" alt="Large bird, mostly white plumage with black plumage on back and rear, long straight white beak, links to larger version of the image"</a>
        </div>
    </main>
    </footer>
    <p>This fake website example is CC-BY - any part of this code may be reused in any way you wish. Original example written by Chris Mills, 2016.</p>
    <p><a href="http://game-icons.net/jarc/originals/dove.html">Dove icon</a> by Lorc.</p>
    </Footer>
</body>
</html>
```



d. Văn bản chào mừng (welcome text).

```
<!--225/0115-->
<article>
  <h2>Welcome</h2>

  <p>Welcome to our fake birdwatching site. If this were a real site, it would be the ideal place to come to learn more about birdwatching</p>

  <p>So don't waste time! Get what you need, then turn off that computer and get out into the great outdoors!</p>
</article>
```



e. Thanh bên chứa hình ảnh (image sidebar).

```
<!--22520115-->
<aside>
<h2>Favourite photos</h2>

<a href="favorite-1.jpg">
```



f. Chân trang (footer)

```
<!--22520115-->
<footer>
<p>This fake website example is CC0 – any part of this code may be reused in any way you wish. Original example written by Chris Mills, 2016.
<p><a href="http://game-icons.net/lorc/originals/dove.html">Dove icon</a> by Lorc.</p>
</footer>
```

This fake website example is CC0 – any part of this code may be reused in any way you wish. Original example written by Chris Mills, 2016.

[Dove icon](#) by Lorc.

g. Áp dụng CSS đã được tải trước đó cho trang bằng cách thêm phần tử <link> bên dưới các phần tử đã có trong phần đầu (head) của tập tin index.html.

```
<head>
<meta charset="utf-8">
<title>Birdwatching</title>
<link href="https://fonts.googleapis.com/css?family=Roboto+Condensed:300%7CCinzel+Decorative:700" rel="stylesheet">
<!--22520115-->
<link rel="stylesheet" href="style.css">
<!--[if lt IE 9]>
<script src="https://cdnjs.cloudflare.com/ajax/libs/html5shiv/3.7.3/html5shiv.js"></script>
<![endif]-->
</head>
```