Tutorial 2

This tutorial briefly explains how to create an HTML file and how to add CSS code to style it. At the end of the tutorial, you will have made an HTML file that looks like this:

STEP1: Writing the HTML

For this tutorial, I suggest you use only the very simplest of tools. E.g., Notepad (under Windows) will do fine. Once you understand the principles, you may want to switch to more advanced tools, or even to commercial programs. But for your very first HTML and CSS file, it is good not to be distracted by too many advanced features.

Don't use a word processor, such as Microsoft Word. They typically make files that a Web browser cannot read. For HTML and CSS, we want simple, plain text files.

Step 1 is to open your text editor (Notepad) and type the following:

```
<!DOCTYPE html>

<html>

<head>
<title>FSKKP</title>
<meta charset="UTF-8">
</head>

<body>
<h1>Computer</h1>
<p id="tagline">Diploma,Degree, Master &amp; PHD</p>
<h2>Overview</h2>
```

```
<p>
Faculty of Computer Systems & Software Engineering was established on 16 February 2002
to produce knowledgeable, high skilled and competitive graduates within the sphere of
software engineering, system and computer network. At the beginning, the faculty had two
fields which are Software Engineering and Networking.
</p>
<p>
The faculty has also embarked on research and development activities in the area such as
information systems, software engineering, computer systems, communication systems,
graphic and multimedia technology to produce technologies that are relevant to the needs of
industries. Currently, the faculty has four research groups which are Network & Security,
Modeling & Simulation, Data Mining & Knowledge Management and Graphic & Image
Processing to support university's focus groups (Manufacturing & Automotive and Chemical &
Biotechnology).
</p>
<p>
The faculty emphasizes on the development and growth of its students's enrolment and
graduates. Through high quality teaching (by completing specific quality outcome and generic
skills), great laboratories facilities, proper and careful advising and numerous professional
activities, our students have opportunity to excel in the classroom and laboratory session. In a
personable atmosphere, the students become well prepared in the term of software
engineering knowledge and technical skills. Thus, they are ready and confident to begin their
professional career or further their studies.
</p>
<p class = "bottom">Copyright &copy; FSKKP of UMP</p>
</body>
</html>
```

Save the file as "mypage.html". Next, check the result in a browser. You can do it by double click the "mypage.html" file. It should open in your default Web browser. As you can see, the page looks rather boring...

STEP2: Adding CSS Code to Create Basic Layout, Set Background Color and Font Style

Add the following CSS code (in red) into the head part of the above html document, and examine the result in web browser.

```
<!DOCTYPE html>
<html>

<head>
<title>FSKKP</title>
<meta charset="UTF-8">
```

```
<style type="text/css">
body
{
  width: 600px;
  margin: 0 auto;
  background: #CCCC33;
  font-family: Arial;
  text-align: justify;
}
</style>
</head>

<body>
...
</body>
</html>
```

STEP3: Adding CSS Code to Style Title

Add the following CSS code (in red) into the above html document, and examine the result in web browser.

```
<!DOCTYPE html>

<html>

<head>
<title>FSKKP</title>
<meta charset="UTF-8">

<style type="text/css">

body
{
  width: 600px;
  margin: 0 auto;
  background: #CCCC33;
  font-family: Arial;
  text-align: justify;
}
```

```css
h1
{
  font-size: 2.25em;
  letter-spacing: 0.1em;
}

h1: first-letter
{
  font-size: 2.25em;
}

h1, h2
{
  color: #fff;
  font-family: Georgia;
}

#tagline
{
  font-style: italic;
  color: #648D20;
}
```
```html
</style>
</head>

<body>
…
</body>
</html>
```

STEP4: Adding CSS Code to Style Copyright

Add the following CSS code (in red) into the above html document, and examine the result in web browser.

```html
<!DOCTYPE html>

<html>

<head>
<title>FSKKP</title>
<meta charset="UTF-8">
```

```css
<style type="text/css">
body
{
  width: 600px;
  margin: 0 auto;
  background: #CCCC33;
  font-family: Arial;
  text-align: justify;
}
h1
{
  font-size: 2.25em;
  letter-spacing: 0.1em;
}
h1: first-letter
{
  font-size: 2.25em;
}
h1, h2
{
  color: #fff;
  font-family: Georgia;
}

#tagline
{
  font-style: italic;
  color: #648D20;
}

.bottom
{
  text-align: center;
  font-size: 0.70em;
  padding-top:15px;
  border-top: 1px solid #D9D93C;
}
</style>
</head>

<body>
...
</body>
</html>
```