Web Programming

Chapter 4: CSS Part 2

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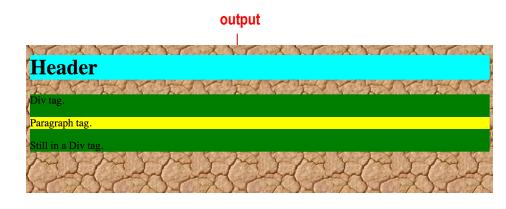**liewsc@ump.edu.my**

CSS Background

- CSS has background properties that can be used to define the background effects of an element.
- CSS properties used for background effects:
  - background-color
  - background-image
  - background-repeat
  - background-attachment
  - background-position

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CSS Background

```
<!DOCTYPE html>
<html><head>
<style>
h1 {
    background-color: cyan;
}
div {
    background-color: green;
}
p {
    background-color: yellow;
}
body {
background-image:url("filename.jpg");
}
</style></head>
<body>
<h1>Header</h1>
<div>
Div tag.
<p>Paragraph tag.</p>
Still in a Div tag.
</div>
</body>
</html>
```
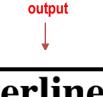
output

CSS Background Explained

- The background-color property specifies the background color of an element.

- The background color of a page is defined in the body selector,e.g h1 {background-color:cyan;}

- The background can also be replaced with an image, e.g body { background-image:url("filename.jpg");}

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CSS Text Decoration and Font

```
<!DOCTYPE html>
<html>
<head>
<style>
h1 {
    text-decoration: overline;
    font-weight:900;
}
h2 {
    text-decoration: line-through;
    font-style:italic;

}
h3 {
    text-decoration: underline;
    font-size:40px;
}
</style>
</head>
<body>
<h1>H1 overline</h1>
<h2>H2 line through</h2>
<h3>H3 underline</h3>
</body>
</html>
```

output

H1 overline

H2 line through

H3 underline

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CSS Text Decoration and Font Explained

- Other than text alignment that had been covered previously, CSS has property to set the decoration on texts, e.g h1 {text-decoration: overline;}
- CSS also has font properties to define the font boldness, family, style, and the size of a text.
- There are two types of font family names:
  - generic family - a group of font families with a similar look (like "Monospace" or "Serif")
  - font family - a specific font family (like "Arial" or " Times New Roman ")

CSS Text Decoration and Font Explained

- The CSS font-style property can be used to specify italic text, e.g h2 {font-style:italic;}

- The size of the text can be set using the font-size property, e.g h3 {font-size:40px;}

- The font-weight specifies the weight of a font. The table in the next slide shows the details of the font-weight properties

Value	Description
normal	Defines normal characters. This is default
bold	Defines thick characters
bolder	Defines thicker characters
lighter	Defines lighter characters
100 200 300 400 500 600 700 800 900	Defines from thin to thick characters. 400 is the same as normal, and 700 is the same as bold

Font-weight properties

Conclusion of The Chapter

- This chapter had introduced the CSS. We will learn about Php in the next chapter.

Activity

- Please take a look Tutorial 6 for more CSS lab exercises.