COSC2196: Introduction to Information Technology

Webinar Two with
Thomas Bierly

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Thomas Bierly

thomas.bierly@rmit.edu.au

Agenda

01
Teamwork
Collaboration Tools
GitHub Repository
GitHub Page

02
HTML
How to markup our site
How to organize our content

03
CSS
Let's make it stylish

04
Assessments
Continue Assignment One

05
Call To Action
Be active on the forums!
Continue working on Assignment One

06
Questions
Clarification and Coaching

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GitHub

HTML

<html>

<head>

<title>
Peter Griffin's HTML page
</title>

</head>

<body>

Page content goes here..

</body>

</html>

I belong in the body!

>body> LOGIC OF THE PAGE

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```html
<html>
    <head>
        <title> ePortfolio</title>
        <link type="text/css" rel="stylesheet" href="style.css">
    </head>
    <body>
        <div id="container">
            <div id="mainArea">
                This is a website. I'm writing lots of text.
            </div>
        </div>
    </body>
</html>
```
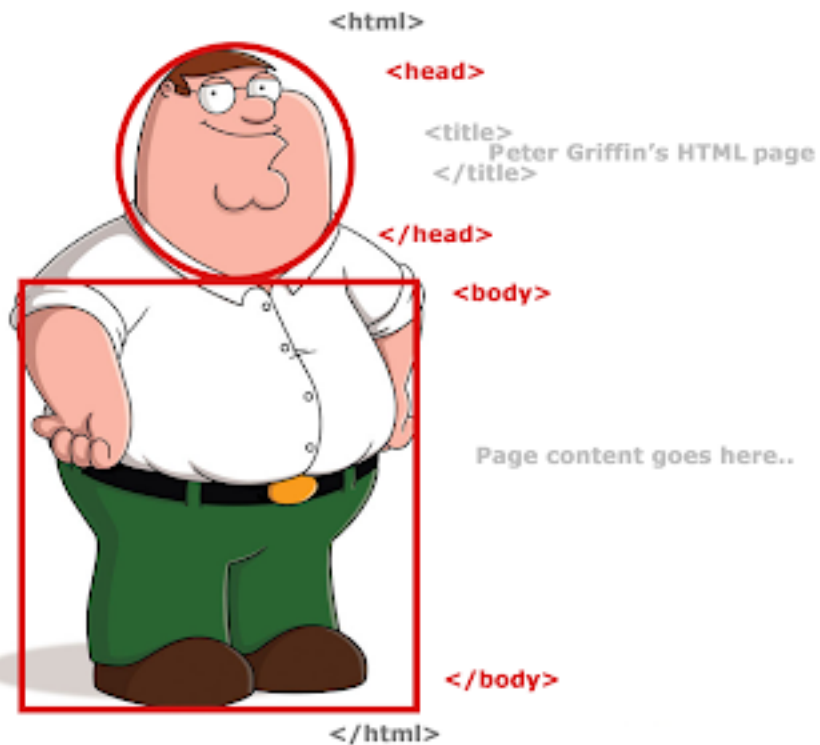
Interest in IT

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Ideal Job

Job Title

Description

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec ultricies massa et erat luctus hendrerit. Curabitur non consequat enim. Vestibulum bibendum mattis dignissim. Proin id sapien quis libero interdum porttitor.

Skills I have

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<h1>Interest in IT</h1>

<p> Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer dolor metus, interdum at scelerisque in, porta at lacus. Maecenas dapibus luctus cursus. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec ultricies massa et erat luctus hendrerit. Curabitur non consequat enim. Vestibulum bibendum mattis dignissim. Proin id sapien quis libero interdum porttitor.</p>

<h1>Ideal Job</h1>

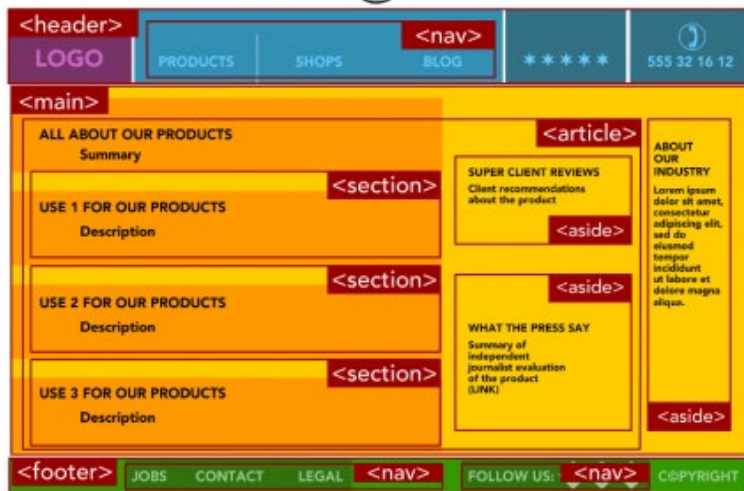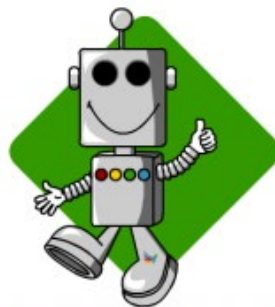## <h2>Job Title</h2>

<h3>*Description*</h3>

<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec ultricies massa et erat luctus hendrerit. Curabitur non consequat enim. Vestibulum bibendum mattis dignissim. Proin id sapien quis libero interdum porttitor.</p>

<h3> *Skills I have*</h3>

<p> Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec ultricies massa et erat luctus hendrerit. Curabitur non consequat enim. Vestibulum bibendum mattis dignissim. Proin id sapien quis libero interdum porttitor.</p>

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HTML Semantic Structures

```html
<section>
    <h1>Interest in IT</h1>
    <article>
        <p> Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer dolor metus, interdum at scelerisque in, porta at lacus. Maecenas dapibus luctus cursus. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec ultricies massa et erat luctus hendrerit. Curabitur non consequat enim. Vestibulum bibendum mattis dignissim.     Proin id sapien quis libero interdum porttitor.</p>
    </article>
</section>
<section>
    <h1>Ideal Job</h1>
    <article>
        <h2>Job Title</h2>

        <h3>Description</h3>
        <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec ultricies massa et erat luctus hendrerit. Curabitur non consequat enim. Vestibulum bibendum mattis dignissim. Proin id sapien quis libero interdum porttitor.</p>

        <h3> Skills I have</h3>
        <p> Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec ultricies massa et erat luctus hendrerit. Curabitur non consequat enim. Vestibulum bibendum mattis dignissim. Proin id sapien quis libero interdum porttitor.</p>
    </article>
</section>
```

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```html
<div id="mainArea">
    <section>
        <div class="sectionTitle"><h1>Interest in IT</h1></div>
        <div class="sectionContent">
            <article>
                <p> Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer dolor metus, interdum at scelerisque in, porta at lacus. Maecenas dapibus luctus cursus. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec ultricies massa et erat luctus hendrerit. Curabitur non consequat enim. Vestibulum bibendum mattis dignissim. Proin id sapien quis libero interdum porttitor.</p>
            </article>
        </div>
    </section>
    <section>
        <div class="sectionTitle"><h1>Ideal Job</h1></div>
        <div class="sectionContent">
            <article>
                <h2>Job Title</h2>

                <h3>Description</h3>
                <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec ultricies massa et erat luctus hendrerit. Curabitur non consequat enim. Vestibulum bibendum  mattis dignissim. Proin id sapien quis libero interdum porttitor.</p>

                <h3> Skills I have</h3>
                <p> Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec ultricies massa et erat luctus hendrerit. Curabitur non consequat enim. Vestibulum bibendum   mattis dignissim. Proin id sapien quis libero interdum porttitor.</p>
            </article>
        </div>
    </section>
</div>
```

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IDs are unique. Only one on a page.
Classes are reusable.

```html
<div class="mainDetails">
    <div id="headshot">
        <img src="headshot.jpg" alt="Look at me!" />
    </div>

    <div id="name">
        <h1>Thomas Bierly</h1>
        <h2>ePortfolio</h2>
    </div>

    <div id="contactDetails">
        <ul>
            <li>#: s1234567</li>
            <li>e: <a href="mailto:student@rmit.edu.au" target="_blank">student@rmit.edu.au</a></li>
            <li>w: <a href="http://www.github.com" target="_blank">www.github.com</a></li>
            <li>m: +61 012 345 678</li>
        </ul>
    </div>
</div>
```

Alt stands for alternative text.

The <a> element is a link and the href attribute is the URL. Target attribute specifies the window/tab.

UL stands for 'unordered list'; commonly referred to as bullet points.

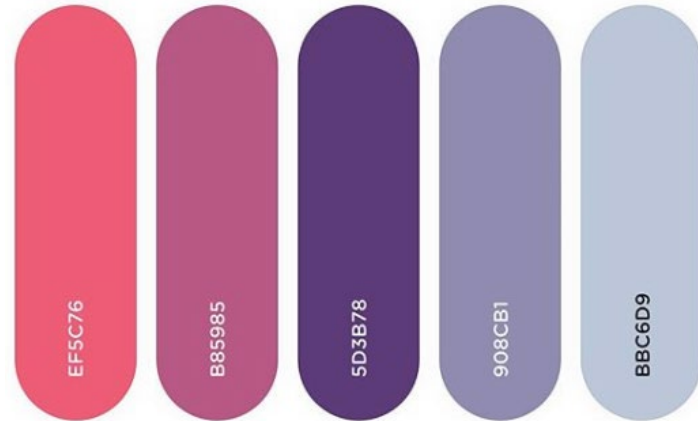RMIT UNIVERSITY

CSS

CSS: Padding, borders, and margins

```css
p {
    width: 50%;
    background: #FFF;
    margin: 30px;
    border: 30px solid #808080;
    padding: 30px;
    font-family: Arial;
    font-size: 2em;
    color: #000;
}
```


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Great web design starts with a color pallet

https://coolors.co/0b132b-1c2541-709cd1-50aaa9-6fffe9

Questions?

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