Learning Objectives:

‣ Build the blog aspect of the website
‣ Make the website responsive and optimised for devices of all sizes

Refer to Week 4 Slide Deck

Task 1: Redirect the home page (root), and generic blog listings

• Add two new pages -> Home, Blog to your website
• Alter the default WordPress settings so that the home page no longer points to the default blog listing, and the blog points to the blog page you just created (slides 7-9)
• Power the home page by front-page.php and the blog page by index.php (slides 11-12).

Task 2: Format the blog page style, content, pagination

• Format your blog page to:
    • Import the appropriate header, footer and style elements (slides 13-14,16, 25)
    • Output all blog posts on the page (slide 17)
• For each blog post:
    • output a link to the blog post, the blog post title and an excerpt of the post (slide 18)
    • format the post using a meta box (slide 20)
    • add a link that that takes us to the details of each blog post (slide 22) formatted as a button (slide 24)
    • include a meta box that dynamically outputs the:
        • author (slide 27)
        • the date formatted as Sun Jan 1, 2010 (slides 31-33)
        • any categories (slide 34)
• Format your blog page to show pagination links when there are more than 3 posts (slides 39-43)

Task 3: Add some posts and categories

• Add three new categories to your website for tagging posts: Faculty, Competitions, Awards (slide 36-37)
• Create four posts with titles of your choice, dummy content and tags from the various categories.
• Test that categories appear on your blog page (similar to slide 38)

Task 4: Format the individual blog post page (single.php)

• Import the appropriate header, footer and style elements (slides 45-48)
• Set up a meta box that takes us back to the website's home page similar to what we did on child pages (slides 50-53).

Task 5: Create and format a blog archive file: archive.php

- Duplicate the index.php file and rename archive.php
- Insert code to create a dynamic title for the archive based on the content that is displayed (slide 62).
- Explore how the fine-grained control on slide 57 compares to slide 62
- Include a dynamic subtitle (slide 64) and include data via the WordPress admin for the author bio info (slide 68) and category (slide 67).

Task 6: Set up a responsive, optimised design

- Open the developer console in chrome and observe the website in various devices (slides 71-73)
- Insert code that tells the browser and devices to use their own native device size (slide 75)
- Observe the differences in different devices (slide 76)
- Insert code that tells the browser what language a website is using (slide 77) and which types of characters and letters are being used on a page (slide 79)
- From the WordPress admin (Settings-> General), change the language to be English UK and then observe the changes in the html generated for the page (slide 80)