**D3 – Show a website meets client requests and specified purpose**

My client requested a website to ‘give information about programming languages and concepts”

The website has pages for the programming languages Python, C#, HTML, CSS, and JavaScript. These include information about the creation, history and features of the language.

There are pages for the concepts of Object-Orientated Programming (OOP) and Procedural Programming. These include a history of the concepts within computer science, and an explanation of the concepts and how they apply to code.

The design of the website is also code-oriented. I used the ‘Solarized Dark’ colour scheme, which is used by many programmers in their IDE’s, and was designed by a programmer, for use by other programmers.

The site also has titles and headings that are ‘codified’ – for example, titles are formatted as ‘namespace: Title’, which is how the title of a program is declared in some languages. Headings 1 and 2 are ‘classes’ and ‘functions’, each a programming concept. Classes can ‘have’ functions, which is why they are in that order.  
This makes it immediately clear what the site is about, and people with a background in programming may recognize these ‘easter eggs’ (subtle references in digital mediums such as games or movies).

The site uses CSS for the theme, including margins, font colours, and background colours. This means that the theme is consistent across every page without having to define the style more than once.

The colour scheme, layout, and separate pages for each topic (accessible through an easy-to-use navbar) all help aid user access and increase clarity.