1. Character encoding is a system that assigns codes to characters for digital representation, enabling computers to interpret and display text in different languages.

2. The Byte Order Mark (BOM) is a special marker at the beginning of a text file that indicates its byte order and encoding. UTF-8 can have a BOM, which helps with encoding detection, but it's optional and not always necessary.

3. ASCII art is the creation of images using ASCII characters. It involves arranging characters in a specific pattern to form visual representations, like the classic smiley face ":-)".

4. HTML character entities are special codes used to represent characters with special meaning in HTML or those that can't be easily displayed or typed directly. They allow you to show reserved HTML characters, symbols, and special characters in web pages.

5. The `<pre>` tag is used to preserve formatting, including white spaces and line breaks, and is commonly used for displaying preformatted text like code snippets. The `<code>` tag, on the other hand, is used to mark up sections of text as code, allowing for specific styling and distinguishing code from regular text.