



B.Com Honours

Semester V

Calicut University

COMPUTER APPLICATIONS IN BUSINESS

Course Code: COM5EJ307 • Module 2 Notes

Module II: HTML, CSS, & Web Publishing

Covers HTML syntax, document structure, text formatting, lists, tables, hyperlinks, media elements, CSS styling, web hosting, domain registration, and web publishing.

Unit 3: Core HTML Syntax, Formatting, Tables, & CSS

HTML (HyperText Markup Language): Standard markup language for creating webpages. Structure: `<!DOCTYPE html><html><head><body>`. Key Elements: Text formatting (`<h1>`-`<h6>`, `<p>`, `<b>`, `<i>`), Lists (`<ul>`, `<ol>`, `<li>`), Tables (`<table>`, `<tr>`, `<th>`, `<td>`), Hyperlinks (`<a href="">`), & Images (`<img src="">`). CSS (Cascading Style Sheets) for styling colors, fonts, and layouts.

Unit 4: Web Publishing & Domain Hosting Formalities

Steps in Web Publishing:

1. **Domain Name Registration:** Purchasing domain name (e.g. .com, .in) via ICANN registrars.
2. **Web Hosting:** Renting server space (Shared, VPS, Dedicated, Cloud Hosting).
3. **FTP File Transfer:** Uploading HTML/CSS files to web server using FileZilla / FTP clients.
4. **Maintenance & Themes:** Content updates, SSL certificate installation, and site growth analytics.

Practical Case Code Snippet (Complete HTML5 Business Product Table Markup): Examine the standard HTML code structure for creating a styled product catalog table.

HTML Core Syntax & Tag Code Table:

HTML Tag Name	Tag Code Syntax Example	Rendered Output / Function
<table>	<table border="1">...</table>	Defines data table container
<tr> & <th>	<tr><th>Item</th><th>Price</th></tr>	Table header row with bold text
<a> (Anchor)	Order Now	Hyperlink to destination page
 (Image)		Embeds graphics on webpage

Practical Case Framework (Web Publishing & Hosting Architecture Matrix): Map web publishing stages from domain procurement to SSL cloud deployment.

Web Publishing Execution Flow Table:

Publishing Phase	Technical Operation	Software / Protocol Tool
1. Domain Setup	Registering URL & pointing DNS A-Records	Domain Registrars (GoDaddy/Namecheap)
2. Hosting Provisioning	Configuring Linux/Apache web server space	cPanel / AWS S3 / Nginx Cloud
3. File Upload	Transferring HTML/CSS assets to public_html	FileZilla FTP / SFTP Client

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