BORG EL ARAB TRCHNOLOGICAL UNIVERSITY
WEB PROGRAMMING 1
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وزارة التعليم العالي والبحث العلمي

جامعة برج العرب التكنولوجية
BORG AL ARAB TECHNOLOGICAL UNIVERSITY

SHEET 1

Exercise 1: Basic HTML Structure
Create an HTML document with the proper structure (<!DOCTYPE html>, <html>, <head>, <body>).

Exercise 2: Head Elements
Add <title>, <meta charset="UTF-8">, and <link rel="stylesheet" type="text/css" href="styles.css"> in the <head> section.

Exercise 3: Text Formatting
Inside <body>, include:
Headings (<h1> to <h6>)
Paragraphs (<p>)
Bold (<b>) and italics (<i>)
→ Goal: Explore different ways to format text.

Exercise 4: Lists
Create an ordered (<ol>) and an unordered
(<ul>) list.
Include at least 3 list items (<li>) in each.

Exercise 5: Hyperlinks
Use <a> to create the following:
External link to a website
Internal link to another HTML file in the same folder
→ Goal: Understand relative and absolute URLs.

SHEET 1

Exercise 6: Images
Insert an image (<img>) into your document.
Specify alt attribute for accessibility.

Exercise 7: Tables
Create a table (<table>) with headers (<th>) and at least 2 rows
(<tr>) and 2 columns (<td>).
→ Goal: Learn how to structure data in table format.

Exercise 8: Embedding Multimedia
Embed a YouTube video using the <iframe> tag.

Exercise 9: Audio Elements
Embed an audio clip using the <audio> element.
Include controls, autoplay, and loop attributes to manipulate
audio playback.

Exercise 10: HTML5 Video Elements
Embed a video clip using the <video> element.
Include controls, autoplay, and muted attributes for video
playback.
→ Goal: Familiarize with video control attributes.

SHEET 1

Exercise 11: Text and Multimedia Synchronization
Use HTML elements to display text (e.g., subtitles) synchronized
with a video or audio clip.
→ Goal: Explore advanced multimedia integration.

Exercise 12: Global Attributes
Create an HTML element and apply global attributes like class, id,
style, and title.
→ Goal: Learn to use global attributes for element identification and
styling.

Exercise 13: Inline and Block Elements
Use inline (<span>, <b>, <i>) and block (<div>, <p>, <h1>) elements.
Apply the style attribute to adjust dimensions (height, width).
→ Goal: Understand the visual rendering differences between inline
and block elements.

Exercise 14: Advanced Table Formatting
Create a complex table and use attributes like colspan, rowspan,
align, and valign.