EF234301 Web Programming (E)

Quiz 1

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1) Di In Quiz 1, there are several HTML files and connected folders. These include:
   - Image Folder: for storing profile pictures.
   - Documentation: for the documentation of Quiz 1, containing routing information.
   - Homepage: yusufhasannazila.rf.gd/quiz1.html
   - Profile: yusufhasannazila.rf.gd/quiz1/profile.html
   - Local Food: yusufhasannazila.rf.gd/quiz1/food.html
   - Tourist Place: yusufhasannazila.rf.gd/quiz1/tourist.html
   - Hometown: yusufhasannazila.rf.gd/quiz1/Hometown.html
   - Inside the index file named quizq1.html, with the routing for the Homepage at yusufhasannazila.rf.gd/quiz1.html

2) Index (quiz1.html)
   a. <!DOCTYPE html>: Declares the document type as HTML5.

      <html lang="en">: Starts the HTML document with the language attribute set to English.

      <head>: Begins the document's head section.

      <meta charset="UTF-8">: Declares the character encoding of the document as UTF-8.

      <meta name="viewport" content="width=device-width, initial-scale=1.0">: Defines viewport settings for responsive design.

   b. <title>Yusuf Hasan Nazila's Profile</title>: Sets the title of the webpage displayed in the browser's title bar.

   c. <style>: Begins an inline CSS block for styling.
      body: Styles the entire page's body.
      font-family: Arial, sans-serif;: Sets the font family for the page.
      background-color: #f4f4f4;: Sets the background color.
      margin: 0; padding: 0;: Removes default margin and padding.
      header: Styles the header section.
      background-color: #333;: Sets the background color of the header.
      color: #fff;: Sets the text color to white.
      padding: 10px 0;: Adds padding to the header.
      text-align: center;: Centers the text within the header.
      (Additional CSS rules for other elements are present within this <style> block.)

   d. <body>: Starts the document's body section.
      <header>: Starts the header element.
      <nav>: Defines a navigation section.
      : Starts an unordered list (list of items).

WELCOME TO MY WEBSITE Yusuf Hasan Nazila: The text inside the list item. Note: This content should be wrapped in <li> elements.

<main>: Starts the main content section.

Four <div> elements with class "section" representing different sections of the webpage.

Each <div> contains an <h2> heading with an anchor <a> element that links to different pages.

<script src="script.js"></script>: Includes an external JavaScript file named "script.js" at the end of the body.

3) Quiz1/profile

a. To organize and define web pages

<!DOCTYPE html>: This declares the document type as HTML5.

<html lang="en">: It initiates the HTML document and sets the language attribute to English.

<head>: Starts the document's head section where metadata and settings are placed.

<meta charset="UTF-8">: Defines the character encoding of the document as UTF-8.

<meta name="viewport" content="width=device-width, initial-scale=1.0">: Sets the viewport for responsive web design.

<title>Profile</title>: Specifies the title of the webpage, displayed in the browser's title bar or tab.

<link rel="stylesheet" href="../style.css">: Links an external stylesheet named "style.css" to apply styles to the page.

<body>: Initiates the document's body section where visible content is placed.

<header>: Represents the header section, typically containing elements like the website's logo, navigation menu, and other header-related content.

b. Link to different page

Homepage: This is a list item containing a hyperlink (anchor <a>) with the text "Homepage" and a link (href) pointing to "../quiz1.html". This link likely represents a link back to the homepage.

Profile: Another list item with a link to a "Profile" page.

Hometown: A list item linking to a "Hometown" page.

Local Food: A list item with a link to a "Local Food" page.

Tourist Place: A list item linking to a "Tourist Place" page.

c. Main

<main>: The main content section of the webpage.

<h1>Yusuf Hasan Nazila</h1>: A top-level heading displaying the name "Yusuf Hasan Nazila."

<img src="../image/fotoku.jpeg">: An image element displaying a picture with a source (src) pointing to "../image/fotoku.jpeg."

Several <p>Information of me.

d. Javascript

<script src="../script.js"></script>: Includes an external JavaScript "script.js"

4) Quiz1/food

a. To organize and define web pages

<!DOCTYPE html>: Declares the document type as HTML5.

<html lang="en">: Initiates the HTML document with the language attribute set to English.

<head>: Starts the document's head section.
<meta charset="UTF-8">: Defines the character encoding of the document as UTF-8.
<meta name="viewport" content="width=device-width, initial-scale=1.0">: Sets the viewport for responsive design.

b. <title>Local Food</title>: Sets the title of the webpage.
<link rel="stylesheet" href="../style.css">: Links an external stylesheet named "style.css" to apply styles to the page.
<body>: Begins the document's body section.
<header>: Represents the header section of the page.
<nav>: Contains navigation links.
: An unordered list that holds navigation items.

c. Link to different page
Homepage: A list item with a link to the homepage.
Profile: A list item with a link to the profile page.
Hometown: A list item with a link to the hometown page.
Local Food: A list item with a link to the current page (Local Food).
Tourist Place: A list item with a link to the tourist place page.

d. main
<main>: Represents the main content section of the webpage.
<h1>Megono</h1>: A top-level heading displaying the name "Megono."
<img src="https://cdn.idntimes.com/content-images/post/20191105/42003935-2119050471744052-71541965066669741033-n-f1767026df3e198589b49d8addd381c6_600x400.jpg" width="80%">: An image of Megono with a source URL and a 80% width.
Several <p> elements information about Megono,

e. JavaScript
<script src="../script.js"></script>: Includes an external JavaScript file named "script.js" at the end of the document's body.

5) Quiz1/Hometown.html
a. To organize and define web pages
<!DOCTYPE html>: Declares the document type as HTML5.
<html lang="en">: Initiates the HTML document with the language attribute set to English.
<head>: Starts the document's head section.
<meta charset="UTF-8">: Defines the character encoding of the document as UTF-8.
<meta name="viewport" content="width=device-width, initial-scale=1.0">: Sets the viewport for responsive design.

b. <title>Hometown</title>: Sets the title of the webpage.
<link rel="stylesheet" href="../style.css">: Links an external stylesheet named "style.css" to apply styles to the page.

<body>: Begins the document's body section.

<header>: Represents the header section of the page.

<nav>: Contains navigation links.

: An unordered list that holds navigation items.

c. Link to different page

Homepage: A list item with a link to the homepage.

Profile: A list item with a link to the profile page.

Hometown: A list item with a link to the current page (Hometown).

Local Food: A list item with a link to the local food page.

Tourist Place: A list item with a link to the tourist place page.

d. main

<main>: Represents the main content section of the webpage.

<h1>Pekalongan</h1>: A top-level heading displaying the name "Pekalongan."

<img src="https://pinhome-blog-assets-public.s3.amazonaws.com/2021/12/peta-letak-kabupaten-pekalongan-1.jpg" width="80%">: An image of Pekalongan with a source URL and a specified width.

Several <p> elements containing information about Pekalongan, including its geographic location, accessibility, port, and cultural significance as the "Batik City."

e. <script src="../script.js"></script>: Includes an external JavaScript file named "script.js" at the end of the document's body.

6) Quiz1/tourist.html

a. To organize and define web pages

<!DOCTYPE html>: Declares the document type as HTML5.

<html lang="en">: Initiates the HTML document and sets the language attribute to English.

<head>: Starts the document's head section.

<meta charset="UTF-8">: Defines the character encoding of the document as UTF-8.

<meta name="viewport" content="width=device-width, initial-scale=1.0">: Sets the viewport for r esponsive web design.

b. <title>Tourist Place</title>: Specifies the title of the webpage.

<link rel="stylesheet" href="../style.css">: Links an external stylesheet named "style.css" to apply styles to the page.

<body>: Begins the document's body section.

<header>: Represents the header section of the page.

<nav>: Contains navigation links.

: An unordered list that holds navigation items.

c. Link to different Page

Homepage: A list item with a link to the homepage.

Profile: A list item with a link to the profile page.

Hometown: A list item with a link to the hometown page.

Local Food: A list item with a link to the local food page.

Tourist Place: A list item with a link to the current page (Tourist Place).

d. Main
<main>: Represents the main content section of the webpage.
<h1>Tourist Places</h1>: A top-level heading displaying "Tourist Places."
<img src="https://www.nativeindonesia.com/foto/wisata-petungkriyono/pesona-salah-satu-curug-petungkriyono.jpg" alt="Curug Bajing" width="80%">: An image of a tourist attraction.
Various <p> elements providing information about tourist attractions in both the City of Pekalongan and Pekalongan Regency.

e. JavaScript
<script src="../script.js"></script>: Includes an external JavaScript file named "script.js" at the end of the document's body.

7) Style.css
*: Resets margin, padding, and box-sizing for all elements to ensure consistent spacing and sizing.

body: Styles for the entire document body:

Sets the font family to Arial or sans-serif.
Sets the background color to a light gray (#f0f0f0).
Resets margin and padding to 0.
header: Styles for the header element:

Sets the background color to dark gray (#333).
Sets the text color to white (#fff).
Adds padding at the top and bottom (10px 0).
Centers the text within the header.
nav ul: Styles for unordered lists within the navigation:

Removes list bullet points.
Resets margin and padding to 0.
nav li: Styles for list items within the navigation:

Displays list items inline horizontally.
Adds a margin on the right (20px) to separate list items.
nav a: Styles for links within the navigation:

Sets the text color to white (#fff).
Removes underlines from links.
Makes the text bold.
Adds a smooth color transition effect when hovering over links.
nav a:hover: Styles for links when hovered:

Changes the text color to a different color (#ffcc00) when the link is hovered.
main: Styles for the main content area:

Sets the maximum width to 800px.
Centers the content horizontally with margin.
Adds padding and background color to create a content container.
Adds a 1px solid border with light gray color.
Rounds the corners of the content with border-radius.
Applies a subtle box shadow for depth.
h1: Styles for level 1 headings:

Sets the font size to 24px.
Sets the text color to dark gray (#333).
Adds margin at the bottom to separate headings from content.
p: Styles for paragraphs:

Sets the font size to 16px.
Defines line height for paragraphs.
Sets the text color to light gray (#666).
.homepage-link: Styles for links with a specific class (.homepage-link):

Sets the background color to a different color (#ffcc00).
Sets the text color to dark gray.
Adds padding and border-radius to style the link.
Adds smooth transitions for background color and text color changes on hover.
.homepage-link:hover: Styles for links with the .homepage-link class when hovered:

Changes the background color to dark gray (#333).
Changes the text color to white (#fff) when hovered.
.main .section: Styles for sections within the main content area:

Sets background color and padding to style sections.
Adds margin at the bottom to separate sections.
Applies a scaling transformation to sections on hover for an interactive effect.

8) Script.js
document.addEventListener("DOMContentLoaded", function () { ... });: This code attaches an event listener to the DOMContentLoaded event, which fires when the HTML document is fully loaded and parsed.

const url = window.location.href;: It captures the current URL of the webpage.

const page = url.split("/").pop();: This line extracts the current page's filename from the URL. It does this by splitting the URL string using "/" as the separator and taking the last part (the filename) using .pop().

The script then uses conditional statements (if-else if) to check which page is currently loaded based on the extracted filename stored in the page variable.

If the current page is "profile.html," it selects elements within the section with the ID "profile" and sets the text content of the heading (h1) and paragraph (p) elements to an empty string, effectively removing the content.

Similarly, for other pages ("hometown.html," "food.html," and "tourist.html"), it selects elements within their respective sections and clears their content.

Finally, it selects the main element and adds a class called "show" to it. This class likely contains CSS rules that control the visibility or appearance of the main element. Adding the "show" class may trigger an animation or transition effect to make the main content visible.