CSS Workshop Outline

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1. Implementing CSS

- **Inline CSS**

    - Change text `color` for `<h1>` with inline CSS.

- **Internal CSS**

    - Change `background-color` for `<h1>` with internal CSS.

- **External CSS File**

    - Remove inline and internal CSS.
    - Create a **new general** `general.css` file in `/Styles` folder.
    - Link this CSS file in every HTML file.

- **Reset Default Styles in general CSS**

    - Resetting default margins and paddings for common elements to ensure consistency and set default font for text:

```css
body, h1, h2, h3, p, ul, li, nav, section, article, footer {
    margin: 0;
    padding: 0;
}

body {
    font-family: 'Arial', sans-serif; /* Sets the font across the whole page */
    background-color: #F5F8FA; /* Sets the default background color */
}
```

2. Styling Elements

2.1 Edit `<h2>`

- Change `color` to blue (`#134169`).
- Set `font-weight` to 600.
- Add `border-bottom: 2px solid #1f8dc8`.

2.2 Edit Paragraph

- Change `color` to `#555`.
- Set `text-align` to justify.
- Set `line-height` to 1.8.

3. About Us CSS File

- Add a new CSS file with name `about.css` for the **"About Us"** page.
- Link the **"About Us"** CSS file with HTML file.

4. Style for ID Selector "About"

- Add `id="about"` value to the **first** `<section>` element in **"About Us"** HTML.
- Create "About" ID selector in the **"About Us"** CSS file.
  - Set `max-width` of the section to 85vw.
  - Optional: Change `font-size` to 110%.

5. Box Model for ID Selector "About"

- Add a red `border` around whole section.
- Margin: Center the section
  - `margin-top` and `margin-bottom` to 20px.
  - `margin-left` and `margin-right` to auto.
  - `border-radius` to 16px.
  - Optional: Use **shorthand** - `margin: 20px auto`.
- Padding: Set `padding` to 40px for all sides of section.
- *Remove the red border afterwards.*

6. Edit `<h3>` in GENERAL CSS

- Set `color` and `text-align`.
- Edit box model:
  - Set `margin`, `padding`, and a screen-wide `border-bottom`.

7. Team Member Divisions

7.1 Individual Divisions

- Create a HTML `<div>` for each team member
  - **Team member** consists of **image**, **name** and **description**
- Assign `class="team-member"` to each `<div>`.
- In `about.css` CSS, set `margin`, `padding`, `border`, `border-radius`, and `background-color` in `team-member` class.
- Set `width` to 20vw and `height` to auto in `team-member`.

7.2 Team Member Container

- Create a new `<div>` under **"Meet Our Team"** `<h3>` which will contain all team member **divs**.

- In HTML set an ID selector for this `<div>` and add it to the **"About Us"** CSS file.

- Add these properties to newly created ID selector

```
   display: flex; /* Enables flexbox layout */
   flex-wrap: nowrap; /* Doesn't allows items to wrap to new lines*/
   justify-content: space-around; /* Distributes space around items */
   align-items: flex-start; /* Aligns items to the start of the flex
container */
```

  - `display: flex`
  - `flex-wrap: nowrap`
  - `justify-content: space-around`
  - `align-items: flex-start`

8. Style for Team Member Images

- Create a descendant *(combinator)* selector for `img` *(images)* under the `team-member` class.
  - Set `width` to 100%, `height` to auto.
  - Optional: Set `border-radius`, `margin`, and `padding`.

9. Footer Styling

- Create `<footer>` selector in the general CSS file.
- Set `position` to fixed.
- Set `bottom`, `left`, and `right` to 0.
- Set `background-color` and text `color`.
- Set `height` to an absolute value (e.g., in pixels).
  - *Why it's overlapping with `<body>` content?*
- Set `text-align` to center
  - *What's the problem?*
- Optional: Add a `background-image` to the footer.

10. Navigation Bar (Optional, Time-Based) :

- Similar to the footer, set position fixed.
- Remove style type.
- Set height, centering, and alignment.
- Optional: Set margin, font weight, color.

```
/* Styling for the navigation bar, including fixed positioning */
nav#main-nav {
   position: fixed; /* The navigation bar is fixed to the top of the viewport */
   top: 0; /* Aligns the navigation bar to the top */
   left: 0; /* Aligns the navigation bar to the left */
   right: 0; /* Aligns the navigation bar to the right */
   margin-top: 77.5px; /* Adds margin to the top of the navigation bar */
```

```
    height: 30px; /* Sets the height of the navigation bar */
    background-color: #134169; /* Background color of the navigation bar */
    z-index: 1000; /* Ensures the navigation bar stacks on top of other elements
*/
}

/* Styling for the list within the navigation bar */
nav#main-nav ul {
    list-style-type: none; /* Removes default list styling */
    display: flex; /* Uses flexbox for layout */
    justify-content: center; /* Centers items horizontally in the container */
    align-items: center; /* Centers items vertically in the container */
    height: 100%; /* Sets the height to match the parent (nav) height */
}

/* Spacing for list items within the navigation */
nav#main-nav ul li {
    margin: 0 10vw; /* Adds horizontal spacing between navigation items based on
viewport width */
}

/* Styling for anchor tags within the navigation list items */
nav#main-nav ul li a {
    text-decoration: none; /* Removes underline from links */
    color: #fff; /* Sets the text color for links */
    font-weight: bold; /* Makes the link text bold */
    padding: 10px 15px; /* Adds padding to the links for clickable area */
    transition: background-color 0.3s; /* Adds a transition for the background
color on hover */
    text-transform: uppercase; /* Transforms all text to uppercase for styling */
}

/* Adds underline on hover for navigation links */
nav#main-nav ul li a:hover {
    text-decoration: underline; /* Underlines link text on hover */
}
```

11. Adding Price/Contact Table

11.1 Contact-Prices CSS File

- Create a new CSS file *(/Styles folder)* for contact-prices HTML file.
- Create a new `<div>` around the `<table>` in contact-prices HTML file and assign a `class="price-table"` selector to that `<div>`.

11.2 Table Styling

- Create a descendant *(combinator)* selector for the `<table>` under `price-table` class.
- Set `width`, `border-collapse`, and `margin` for that descendant selector.

11.3 Table Headers and Cells Styling

- Create a descendant *(combinator)* selectors for table headers (`<th>`) and also for data cells (`<td>`) under the `price-table` class.
- Set solid `border`.
- Optional: Set `text-align`, `vertical-align`, and `padding`.

11.4 Optional Styles

- Differentiate styles for header cells and data cells (e.g., `background-color`).

Colors

#about

- `background-color: #f8f8f8;`

.team-member:

- `border: 1px solid #ddd;`
- `background-color: #fff;`

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body:

- `background-color: #F5F8FA;`

h2:

- `color: #134169;`

h3:

- `color: #134169;`

section p:

- `color: #555`

header:

- `background-color: #050318;`
- `color: #007DC0;`

footer:

- `background-color: #000`
- `color: #fff`

nav#main-nav:

- `backgound-color: #134169;`

nav#main-nav ul li a:

- `color: #fff;`

.price-table th:

- background-color: #134169;

.price-table td:

- background-color: #fff;

- background-color: #134169;

- background-color: #fff;