* **DOCTYPE & HTML Tags**
  + <!DOCTYPE html>: Declares the document type and version of HTML being used (HTML5).
  + <html lang="en">: The root element of the HTML document, with the language attribute set to English.
* **Head Section**
  + <head>: Contains meta-information about the document, such as:
    - <meta charset="UTF-8">: Sets the character encoding to UTF-8.
    - <meta name="viewport" content="width=device-width, initial-scale=1.0">: Ensures the page is responsive by controlling the viewport's size.
    - <title>: Sets the title of the webpage, which appears in the browser's tab.
    - <style>: Contains internal CSS for styling the document.
* **Body Section**
  + <body>: Contains all the visible content of the webpage.

**Styling (CSS)**

* **Basic CSS Reset**
  + \* { margin: 0; padding: 0; box-sizing: border-box; }: Resets margin and padding for all elements to ensure consistency across different browsers.
* **Body Styles**
  + body { font-family: Arial, sans-serif; line-height: 1.6; }: Sets the default font and line spacing for the document.
* **Header Styles**
  + header { background: #333; color: #fff; padding: 20px; text-align: center; }: Styles the header with a dark background, white text, and centered alignment.
  + header h1 { font-size: 2.5em; margin-bottom: 10px; }: Styles the main header text.
  + header nav ul { list-style: none; padding: 0; }: Removes list bullets and padding from the navigation menu.
  + header nav ul li { display: inline; margin: 0 15px; }: Displays the navigation items inline with spacing.
  + header nav ul li a { color: #fff; text-decoration: none; font-weight: bold; }: Styles the navigation links.
  + header nav ul li a:hover { text-decoration: underline; }: Adds a hover effect to the links.
* **Main Content Styles**
  + .main-content { padding: 20px; max-width: 1200px; margin: 0 auto; }: Centers the main content and sets a maximum width.
  + .main-content h2 { font-size: 2em; margin-bottom: 15px; }: Styles the subheader.
  + .main-content p { margin-bottom: 15px; line-height: 1.8; }: Styles the paragraphs.
* **Button Styles**
  + button { background: #007BFF; color: #fff; border: none; padding: 10px 20px; border-radius: 5px; cursor: pointer; font-size: 1em; }: Styles the button.
  + button:hover { background: #0056b3; }: Changes the button color on hover.
* **Image and Video Styles**
  + .main-content img, video { max-width: 100%; height: auto; margin: 20px 0; }: Ensures that images and videos are responsive and maintain aspect ratio.
* **Animation Styles**
  + .animated { animation: bounce 2s infinite; }: Adds a bounce animation to the .animated class.
  + @keyframes bounce { }: Defines the keyframes for the bounce animation.
* **Footer Styles**
  + footer { background: #333; color: #fff; padding: 20px; text-align: center; position: absolute; bottom: 0; width: 100%; }: Styles the footer similarly to the header, fixes it to the bottom of the page.
  + footer p { margin: 10px 0; }: Styles the paragraphs in the footer.
* **Responsive Design**
  + Media queries (@media) adjust styles for different screen sizes:
    - For screens up to 768px, the font size of the header is reduced, and navigation items are stacked vertically.
    - For screens up to 480px, the padding of the header is reduced, and font sizes are further adjusted.

**Interactivity (JavaScript)**

* The <script> section adds interactivity:
  + Listens for the DOM Content Loaded event to ensure the DOM is fully loaded before executing.
  + Adds a click event listener to the button, which displays a message when clicked and changes the text color to green.

**Media Elements**

* **Image:** Displays an image using <img>.
* **Video:** Embeds a video using <video> with controls.
* **Audio:** Embeds an audio file using <audio> with controls.

**Footer**

* Contains the copyright notice and a link to the privacy policy.