**DOCUMENTATION**

* **Introduction:**

This project is a timeline representation webpage showcasing historical events between the years 1885 and 1905. The timeline is visually presented using a responsive design with an aesthetic combination of colors. Each event is encapsulated within a card, providing a structured and engaging way to explore the historical information.  The timeline covers a period of great significance in Indian history, which saw the emergence of the Indian National Congress as a political force.

* **HTML and CSS: The Architects of Time**

At the heart of this endeavor lie two faithful companions: HTML and CSS. Let’s introduce them:

**HTML (Hypertext Markup Language):**The backbone of web content.With its semantic tags, we structure our timeline—each event a carefully labeled node,each era a chapter waiting to be explored.

**CSS (Cascading Style Sheets):**The artist’s palette.CSS adds flair,colors,and layout magic.It transforms our raw data into an aesthetically pleasing journey.Fonts dance,colors harmonize,and animations breathe life into our historical canvas.

* **Software and Hardware Requirements:**

**Software Requirements:**

1. Web Browser (Google Chrome.)

2. Text Editor (Visual Studio Code.)

**Hardware Requirements:**

1. Laptop

2. Internet Connection (for online image resources)

* **Technology Used:**

The project is implemented using HTML and CSS. The following technologies and techniques have been utilized:

1. HTML: Used for structuring the content of the webpage, including headings, paragraphs, lists, and images.

2. CSS: Applied for styling and layout. The styling includes background gradients, border styling, and responsive design for optimal viewing on various devices.

3. Responsive Design: The webpage is designed to be responsive, ensuring a seamless viewing experience on devices of different screen sizes.

* **Implementations:**
* **Code:**

<html>

<style>

body {

background: linear-gradient(to right, #ff6a00, white, #51ff00);

.timeline {

background: var(--primary-color);

margin: 20px auto;

padding: 20px;

}

.card {

position: relative;

max-width: 400px;

}

.card:nth-child(odd) {

padding: 30px 0 30px 30px;

}

.card:nth-child(even) {

padding: 30px 30px 30px 0;

}

.card::before {

content: "";

position: absolute;

width: 50%;

border: solid orangered;

}

.card:nth-child(odd)::before {

left: 0px;

top: -4.5px;

bottom: -4.5px;

border-width: 5px 0 5px 5px;

border-radius: 50px 0 0 50px;

}

.card:nth-child(even)::before {

right: 0;

top: 0;

bottom: 0;

border-width: 5px 5px 5px 0;

border-radius: 0 50px 50px 0;

}

.card:first-child::before {

border-top: 0;

border-top-left-radius: 0;

}

.card:last-child:nth-child(odd)::before {

border-bottom: 0;

border-bottom-left-radius: 0;

}

.card:last-child:nth-child(even)::before {

border-bottom: 0;

border-bottom-right-radius: 0;

}

.info {

display: flex;

flex-direction: column;

background: #000000;

color: rgb(255, 255, 255);

border-radius: 10px;

padding: 10px;

}

.title {

color: rgb(255, 255, 255);

position: relative;

}

.title::before {

content: "";

position: absolute;

width: 10px;

height: 10px;

background: white;

border-radius: 999px;

border: 3px solid rgb(0, 0, 0);

}

.card:nth-child(even)>.info>.title {

text-align: right;

}

.card:nth-child(odd)>.info>.title::before {

left: -45px;

}

.card:nth-child(even)>.info>.title::before {

right: -45px;

}

</style>

<body>

<img src="https://i.ytimg.com/vi/5ZFn7bBO4vo/maxresdefault.jpg" style="width: 370px;">

<div class="timeline">

<div class="outer">

<div class="card">

<div class="info">

<h3 class="title">1885-1905</h3>

<ul>

<li>1805 Indian National Congress</li>

<li>1896 Italy vs Ethiopia War</li>

<li>1899-1902 Boer War</li>

<li>1904-1905 Russo- Japanese War</li>

</ul>

</div>

</div>

<div class="card">

<div class="info">

<h3 class="title">Title 2</h3>

<p>The Indian National Congress(INC)was not established in 1805,but in 1885.It was founded by A.O.Hume,a

retired civil servant, who invited many Indian leaders to form a political organization that would represent

the interests of Indians under British rule. The INC became the main force of the Indian independence

movement,led by prominent figures such as Mahatma Gandhi,Jawaharlal Nehru,and Bal Gangadhar Tilak.</p>

</div>

</div>

<div class="card">

<div class="info">

<h3 class="title">Title 3</h3>

<p>There was no war between Italy and Ethiopia in 1986.The two countries fought two wars in the past: the

First Italo-Ethiopian War(1895-1896)and the Second Italo-Ethiopian War(1935-1936).The first war ended with a

decisive Ethiopian victory at the Battle of Adwa,which preserved Ethiopia’s independence from European

colonization.The second war resulted in Italy’s occupation of Ethiopia,which lasted until 1941,when the

British and Ethiopian forces liberated the country.</p>

</div>

</div>

<div class="card">

<div class="info">

<h3 class="title">Title 4</h3>

<p>The Boer War,also known as the South African War,was a conflict between Great Britain and the two Boer

republics,the South African Republic(Transvaal)and the Orange Free State,from 1899 to 1902.The war was

fought over the British influence and control in Southern Africa,especially after the discovery of gold and

diamonds in the Boer territories.The war ended with the British victory and the annexation of the Boer

republics into the British Empire.</p>

</div>

</div>

<div class="card">

<div class="info">

<h3 class="title">Title 5</h3>

<p>The Russo-Japanese War was a conflict between the Russian Empire and the Empire of Japan over their rival

imperial ambitions in Manchuria and Korea.The war lasted from 1904 to 1905 and ended with Japan’s

victory,which shocked the world and marked the emergence of Japan as a major power in Asia.The war also

sparked the 1905 Revolution in Russia,which led to political and social reforms.Some of the main battles of

the war were fought at Port Arthur,Mukden,and Tsushima.</p>

</div>

</div>

</div>

</div>

<figcaption>

<p style="color:MidnightBlue;font-size:135%;text-align:left;border:2px solid tomato;">

💻MADE BY VISHAL TIWARI,SIDDHI PARAB and ARYAN BHANDARI<br>

Contact-8291569470/8591840464/8097946302<br>

About-us:We are the students of FYBSC.IT.This webpage is only developed for project submission.</p>

</p>

</figcaption>

</body>

  </html>

Timeline Structure:

• The timeline is structured using a series of cards, each representing a historical period.

• The timeline utilizes a unique visual style with borders and dots to enhance the overall presentation.

**Image:**

• An image is included at the top of the page to provide a visual context for the historical period covered.

**Information Cards:**

• Each event is encapsulated within a card that includes a title and a description.

**Styling:**

• The styling of the timeline is carefully crafted to provide an aesthetically pleasing and visually engaging experience.

**Credits Section:**

• A credits section is included at the bottom, providing information about the developers and their contact details.

* **List of the elements and tags are used in this code and why?**

**<html>:** The root element of an HTML document, encompassing the entire content.

**<style>:** Contains the CSS styles for the document.

**<body>:** Represents the content of the HTML document, including text, images, links, and other elements.

**<img>:** Embeds an image in the document. In this code, it displays a historical image at the top of the webpage.

**<div>:** A generic container used for grouping and applying styles to elements.

**<h3>:** Represents a third-level heading. Used for the titles of historical events.

**<ul>:** Represents an unordered (bulleted) list. Used to list details about each historical event.

**<li>:** Represents a list item. Used to define each item in the unordered list.

**<p>:** Represents a paragraph. Used for descriptive text related to each historical event.

**<figcaption>:** Represents a caption or legend for a <figure> element. In this code, it contains information about the creators and purpose of the webpage.

**<style> (inside the CSS):** Defines the styles for the webpage, including background gradients, borders, and positioning.

* **Why Each Element/Tag is Used:**

**<html>:** It defines the root of the HTML document, encapsulating all other elements.

**<style>:** It contains the CSS rules that define the visual style of the webpage.

**<body>:** Represents the main content of the webpage, including the timeline, image, and credits.

**<img>:** Embeds an image to provide visual context and enhance the aesthetic appeal of the webpage.

**<div>:** Used for grouping elements, applying styles, and creating a structured layout.

**<h3>:** Provides headings for each historical event, making the timeline easy to navigate.

**<ul> and <li>:** Create an unordered list to present details about each historical event in a clear and organized manner.

**<p>:** Represents paragraphs containing additional information about each historical event.

**<figcaption>:** Provides a caption for the image and additional information about the creators and purpose of the webpage.

**<style> inside the CSS:** Contains the CSS rules that define the visual style of the timeline, including background gradients, border styles, and positioning.

* **References:**

1. MDN Web Docs - HTML

2. MDN Web Docs - CSS

3. W3Schools - HTML Tutorial

4. W3Schools - CSS Tutorial

5. Code with Harry

**Conclusion:**

This timeline project serves as an interactive and visually appealing way to explore historical events. The combination of HTML and CSS technologies allows for a straightforward and effective implementation, providing an informative and engaging user experience.The timeline elegantly arranges historical events in chronological order,allowing users to traverse centuries,decades,or even moments with ease.Each event becomes a stepping stone,connecting past,present,and future.HTML and CSS collaborate harmoniously to breathe life into the timeline.The judicious use of fonts,colors,and layout ensures a visually appealing canvas.Users are drawn in by the aesthetics,ready to explore further.Clickable markers or scrollable sections transform static information into an interactive experience.Users can immerse themselves in specific eras,clicking on events to reveal details,images,or related content.The timeline adapts gracefully to various devices—whether viewed on a desktop monitor,tablet,or smartphone.Consistency across platforms ensures accessibility for all curious minds.Beyond aesthetics,the timeline serves as an educational resource.Students,history enthusiasts,and curious souls can learn about pivotal moments,cultural shifts,and human achievements.It’s a virtual time-travel capsule.Each event snippet—crafted with HTML—holds a story.Whether it’s the signing of a treaty,a scientific breakthrough,or a revolution,the concise descriptions transport users to that moment in history.Cascading Style Sheets(CSS) add flair.Borders,shadows,and animations subtly enhance the user experience.A well-designed timeline isn’t just informative,it’s delightful.Semantic HTML tags ensure screen readers interpret the content accurately.Alt text for images and proper structuring make the timeline inclusive for all users.As events unfold, the timeline can evolve. Collaborate with historians, educators, or fellow enthusiasts to refine and expand.Continuous improvement keeps the narrative fresh.Your HTML and CSS-powered timeline isn’t just a project; it’s an inspiration.Others may embark on their own historical journeys,fueled by your creativity and dedication.In the vast expanse of time,your timeline stands as a beacon—a digital monument to human progress,resilience,and curiosity.

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