This project implements a New Year Countdown with a creative twist. This project involves the use of HTML, CSS and JavaScript. The various components of the project can be summarized as follows:

* **BASIC LAYOUT:** The entire page is divided into a **left panel** and a **right panel**. The left panel has a background image depicting a typical new year scene. It contains the countdown to the New Year. The font type of the countdown is DS-Digital which is separately downloaded. The right panel contains the message “**MERRY CHRISTMAS”**. It further contains my photo and description followed by a picture of Santa Claus. The right panel also contains Christmas bells at four corners. It also has a button that displays the message “**Happy New Year”** when countdown reaches 0.
* **ANIMATION AND VISUAL EFFECTS:** I used CSS to apply visual effects to the project. The jingling action of bells, the scaling and highlighting of the div tags and profile picture upon hovering, movement of the photo of the Santa Claus are implemented by using CSS. The message “**MERRY CHRISTMAS”** is implemented by giving suitable delays to each image corresponding to the letters.
* **COUNTDOWN:** The countdown logic is implemented by calculating the difference between the current date and time (now) and the target date (January 1, 2025). We get the Current Time: const now = new Date(). We set the Target Date: const targetDate = new Date(2025, 0, 1, 0, 0, 0), calculate the Difference: const diff = targetDate – now. Further, we check if Countdown is complete: If diff <= 0, the Countdown ends and shows "00 days 00:00:00". It also triggers a “Happy New Year” button click when the countdown reaches zero. The countdown display is updated every second until it reaches zero.
* **OTHER EFFECTS:** I have implemented a snowfall effect on the left panel and flickering lights on the right panel using JavaScript and CSS. The snowfall is implemented using the createSnowflakes() function and is animated as white balls of size between 2 and 12 px and opacity .8. It is animated to fall vertically downwards using CSS. Similarly the twinkling lights are implemented using createTwinkleBalls() function along with CSS to show random motion with varying opacity.

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