

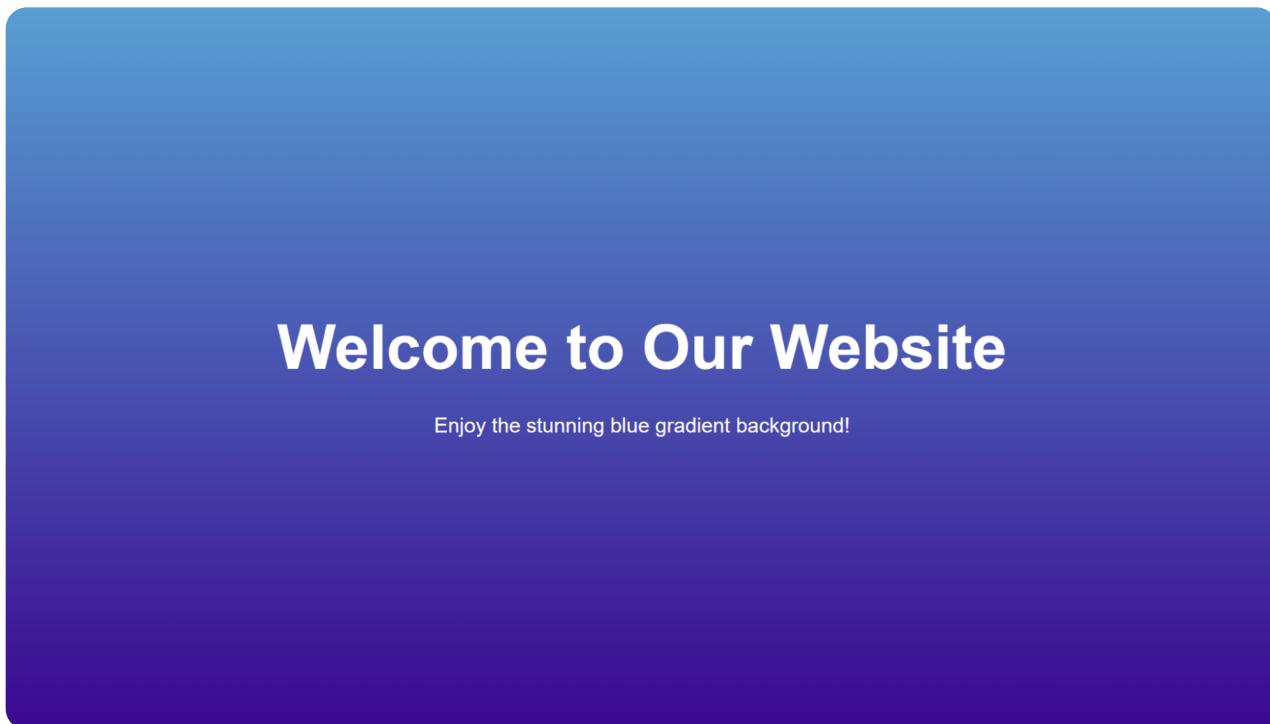
# Advanced CSS

## Assignment



# Assignment

- For this assignment, your goal is to implement a basic CSS gradient. In this coding challenge, your task is to design a demo page for a webpage with a gradient background. The goal is to recreate a gradient background similar to the image provided.



- Color gradients are often used for primary containers in webpages, such as the background of some sections. In this coding challenge let's try to implement an analytics section of a webpage as shown in the below image.



- Transforming an element by an angle using CSS transform is important as it allows for the creation of visually dynamic and engaging web designs by rotating elements. In this coding challenge let's create a sticky note and on hovering the sticky note, it should transform by rotating 90 degrees anti-clockwise. These types of transformations are usually implemented on the landing pages. Below are the images for reference.



# Assignment

4. Let's now try to implement the CSS transform and transition property. In this coding challenge, you are expected to create a simple webpage with an image as shown in the reference image below. Note that website responsiveness is optional. On hovering the image must be zoomed slowly.



5. In this coding challenge, create a simple webpage that initially applies a blur effect to an image, and upon hovering over it, the image gradually becomes clear and revealed. Such effects are commonly utilized when unveiling new offers or showcasing hidden content.

[Hover To Reveal The Image.](#)



Hover To Reveal The Image.



6. The grayscale look is important as it can evoke a sense of nostalgia or create a timeless aesthetic in web design. In this coding challenge let's try to implement the grayscale filter. The task is to apply a grayscale filter to a colorful image on hover.

Hover To Have A GrayScale Look.



Hover To Have A GrayScale Look.

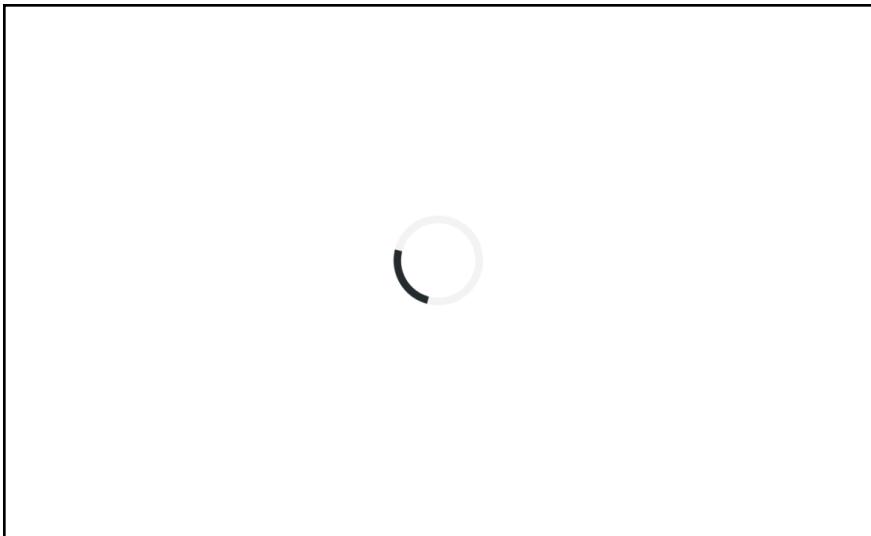


7. In this coding challenge, we will explore CSS button animations commonly used in product landing pages to attract users' attention and encourage product registration. A good example can be found at <https://codercommunity.io/>. Let's create a similar animated button in this assignment to capture the user's attention on our landing page.

Click Me To Visit PW Skills.

# Assignment

8. In this coding challenge, we will explore CSS animations, focusing on the commonly used loading spinner. Your task is to implement a page-loading spinner, similar to the one shown in the below image.



9. In this coding challenge, our goal is to implement CSS webkit and define CSS custom properties. The expected output, as shown in the provided image, demonstrates the usage of the same color in multiple places. To avoid repetition, we will define a custom color property at the top and utilize it throughout the webpage. Additionally, the content section will also incorporate a customized scrollbar by utilizing a CSS webkit to achieve the desired output.



The image shows a dark-themed website snippet for Apple Inc. It features the classic rainbow-striped Apple logo at the top. Below it, the text "Apple Inc." is displayed in a large, bold, white sans-serif font. A vertical line of text to the left of the main content area provides a brief history of the company: "Apple Inc., founded on April 1, 1976, by Steve Jobs, Steve Wozniak, and Ronald Wayne, is a multinational technology company headquartered in Cupertino, California." Another vertical line of text to the right of the main content area describes the company's products: "Apple is renowned for its innovative consumer electronics, software, and online services, including the iPhone, iPad, Mac, Apple Watch, and Apple TV." At the bottom, a final vertical line of text highlights the company's success: "The company's success can be attributed to its commitment to sleek design, intuitive user interfaces, and seamless integration between hardware and software."