

# Advanced CSS

## Assignment Solution

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#### Task

1:

**Problem Statement** Explain the purpose of using the `var()` function in css. Also you have created two buttons with id named `primaryBtn` and `secondaryBtn` which should be given background colors using the `var()` function. The color code for `primaryColor` is `#00b7ff` and `secondaryColor` is `#6c757d`.

**Solution:** The `var()` function in CSS is used to reference and use the value of a custom property (also known as a CSS variable) within your stylesheets. CSS variables are defined using the `--` prefix followed by a variable name. They allow us to store and reuse values throughout our stylesheet, making it easier to maintain consistency and make global changes.

#### Purpose of `var()` Function

**Reusability:** CSS variables allow us to store values that we can reuse across our stylesheet. The `var()` function lets us reference these values wherever needed, reducing redundancy and making our code

cleaner

Consistency: By using variables, we can ensure consistent values for colors, spacing, fonts, and more throughout our entire design. Changing a variable's value will automatically update all instances where the variable is used

Global Changes: If we need to make a design change, we can update the variable's value once, and the change will be applied to all instances using that variable.

Code solution by vscode

## Task

2:

Problem Statement: Create a 3D cube using the transform property of CSS.

**Ans by code**

## Task

3:

Problem Statement Create a simple circular loader which will rotate continuously to look like a loading screen on a website. As in the image we can see that the blue color is rotating continuously.

ANS by code

## Task 4:

Problem Statement You have to visit the PW Skills website (<https://pwskills.com/>) and have to hide the logo by using the developer tool. This should be done using the css and developer tool only, use of javascript is prohibited.

Ans by code

## Task 5:

**Problem Statement** You have to visit the PW Skills website (<https://pwskills.com/>) and have to change the content of the 'Login / Register' button to 'Connect with us' using the developer tool. This should be done using the elements of developer tools only, use of javascript is prohibited.

**Ans by code**