

Choose The Best Answer Below To The Following Question: Is The Following CSS Code Valid?table { Border:

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Introduction

When working with CSS, understanding syntax rules and how different properties should be written is fundamental to creating valid and effective stylesheets. A common question developers encounter involves whether their CSS code is valid, especially when they are just starting out or experimenting with new styles. In this article, we will analyze a specific CSS snippet—`table { Border:`—to determine its validity, explore the rules governing CSS syntax, and provide guidance on best practices for writing valid CSS code.

Understanding CSS Syntax Basics

CSS Rules and Declaration Blocks

CSS rules are composed of selectors and declaration blocks. A typical CSS rule looks like:

```
```.css
selector {
property: value;
}
```
```

- The selector specifies which HTML elements the style applies to.
- The declaration block contains one or more CSS property-value pairs, separated by semicolons.

Proper Syntax for Properties and Values

- CSS property names are case-insensitive, but the convention is to write them in lowercase.
- Property names should be followed by a colon (`:`).
- The value should follow the colon, and the declaration should end with a semicolon (`;`).
- The declaration block is enclosed within curly braces (`{}`).

Common Syntax Errors

- Missing colons (`:`) between property and value.
- Omitting semicolons (`;`) between multiple declarations.
- Incorrect property names or misspellings.
- Incomplete declaration blocks, such as missing closing braces (`}`).
- Invalid property values or unsupported properties.

Analyzing the Provided CSS Snippet

The Code in Question

```
```css
table { Border:
```
```

Identifying the Issues

Let's dissect this snippet step-by-step:

1. Selector: `table` – this is a valid CSS selector targeting `