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Test Series

Dynamic HTML Advanced

Module 6 - Using Span Tag in CSS

Span Tag

 CBSE

The `<span>` tag in HTML, not CSS, is an inline element used to apply styles or group inline content. It doesn't have any visual effect on its own but becomes useful when combined with CSS or JavaScript.

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Why we use Span Tag?

We use the `<span>` tag to apply styles or scripts to specific inline parts of text. It doesn't affect layout or structure, making it ideal for styling words or phrases within a paragraph. It works well with CSS classes or IDs for customization. It's also useful for targeting elements with JavaScript.

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Purpose Of Span Tag

The purpose of the `<span>` tag is to apply styles or scripts to specific parts of inline content without affecting the document layout. It acts as a generic container used mainly with CSS and JavaScript to style, identify, or manipulate small portions of text within other elements like paragraphs.

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Syntax of Span Tag

```
<span>Content goes here</span>
```

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Attributes Of Span Tag

- **id** - Unique identifier for the span.
- **class** - Applies one or more CSS classes.
- **style** - Adds inline CSS styling.
- **title** - Tooltip text shown on hover.
- `<span>` is an inline element used to group small parts of text or inline content.
- It can contain other inline elements like `<strong>`, `<em>`, or `<a>`.
- It cannot contain block-level elements such as `<div>` or `<p>`.
- It's mainly used to apply CSS styles or JavaScript to specific inline content.

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Sample Program using Span Tag

```
<!DOCTYPE html>
<html>
<head>
<style>
.highlight {
  color: orange;
  font-weight: bold;
  background-color: yellow;
}
</style>
</head>
<body>

<p>This is a <span class="highlight">highlighted</span> word inside a
sentence.</p>

</body>
```

Explanation of above code:

1. The <span> with class highlight styles only the word inside it.
2. It changes the text color to orange, makes it bold, and adds a yellow background.

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Sample Program to Change Text Color and Size

```
<!DOCTYPE html>
<html>
<head>
<style>
  .blue-text {
    color: blue;
    font-size: 20px;
  }
</style>
</head>
<body>
<p>This is a <span class="blue-text">blue and bigger</span> word.</p>
</body>
</html>
```

Explanation of above code

1. **blue-text class:** Sets the text color to blue and font size to 20 pixels.
2. **<span class="blue-text">:** Applies the blue-text style to only the words inside the span.
3. The result is the phrase "blue and bigger" appears larger and blue, while the rest of the paragraph stays default.

Assignment

You will write an HTML page with a paragraph about your favorite hobby, food, or a short story. In that paragraph:

1. Use **<span>** to wrap at least 5 specific words or phrases.
2. Apply **different CSS styles** to each **<span>** using **classes**.
3. Add the CSS styles in the **<style>** section inside the **<head>** tag.