

Course  
&  
Test Series

Dynamic HTML - Module 1

Dynamic HTML (DHTML) is an advanced technique that integrates HTML with cascading style sheets (CSS) and scripting languages to create more interactive and visually appealing web pages.

Components of DHTML:

1. HTML (HyperText Markup Language):

Defines the structure and content of a web page, including elements like tables, frames, paragraphs, bulleted lists, etc.

2. CSS (Cascading Style Sheets):

- Used to style HTML elements, determining their size, color, position, and other visual attributes.
- CSS styles are defined within the <style> tag, typically placed within the <head> section of the HTML document.

Example of CSS within HTML:

```
html
Copy code

<!DOCTYPE html>
<html>
<head>
  <title>CSS Example</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f0f0f0;
      color: #333;
    }
    h1 {
      font-size: 2em;
      font-weight: bold;
      color: #0066cc;
    }
    p {
      font-size: 1em;
      font-style: italic;
      color: #666;
    }
  </style>
</head>
<body>
  <h1>Welcome to DHTML</h1>
  <p>This is an example of a styled paragraph using CSS.</p>
</body>
</html>
```

Banking & Insurance

Central Govt. Service

State Govt. Services

LAW Entrance

MBA Entrance

Railways & Metro Services

...many more

abhyasonline.in



Course  
&  
Test Series

Dynamic HTML - Module 1

3. Scripting Languages:

JavaScript and VBScript can be used to manipulate web page elements dynamically in response to user interactions.

Cascading Style Sheets (CSS):

- CSS is a powerful mechanism for adding styles to web documents, such as fonts, colors, and spacing.
- The <style> tag is used within the <head> section to define specific styles.

Important CSS Attributes:

• Font Attributes:

- font-family: Specifies the font family.
- font-style: Sets the style of the font (normal, italic, oblique).
- font-size: Defines the size of the font (in pixels or percentage).
- font-weight: Sets the weight (thickness) of the font (normal, bold).

Example of CSS attributes in HTML:

```
html Copy code
<!DOCTYPE html>
<html>
<head>
  <title>CSS Attributes</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #ffffff;
      color: #000000;
    }
    h1 {
      font-size: 24px;
      font-weight: bold;
      font-style: italic;
      color: #333333;
    }
    p {
      font-size: 16px;
      font-weight: normal;
    }
  </style>
</head>
<body>
  <h1>CSS Font Attributes</h1>
  <p>This is a paragraph demonstrating different font attributes.</p>
</body>
</html>
```

Banking &  
Insurance

Central Govt.  
Service

State Govt.  
Services

LAW  
Entrance

MBA  
Entrance

Railways & Metro  
Services

...many more

abhyasonline.in

Corporate Office : A

www.abhyas



abhyasonline.info@gmail.com

Follow Us:



dia)

411

Course  
&  
Test Series

Dynamic HTML - Module 1

Assignment:

Ques 1: Write a paragraph in which set font-family= chiller, font style= italic, font size=22, font weight= normal

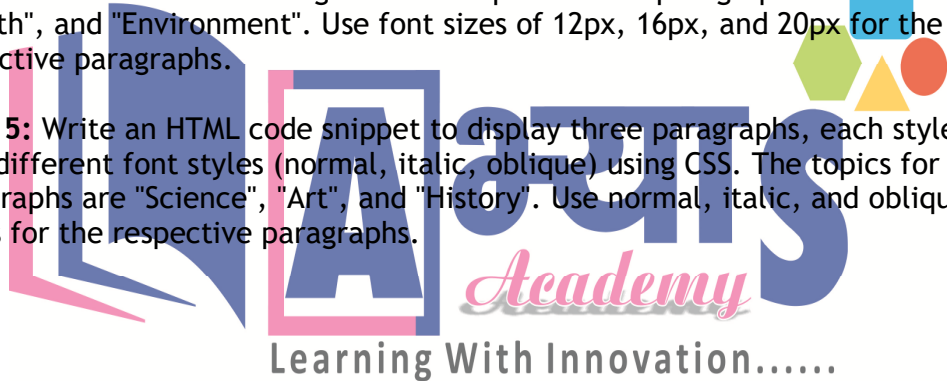
Ques 2: Write an HTML code snippet to display three paragraphs, each styled with a different font family using CSS. Include a description of each font family used.

```
font-family: 'Arial', sans-serif; } .font2 { font-family: 'Times New Roman', serif; }  
.font3 { font-family: 'Courier New', monospace;
```

Ques 3: Write an HTML code snippet to display three paragraphs, each styled with a different font family using CSS. The topics for the paragraphs are "Technology", "Travel", and "Food". Use 'Arial', 'Times New Roman', and 'Courier New' for the respective paragraphs.

Ques 4: Write an HTML code snippet to display three paragraphs, each styled with different font sizes using CSS. The topics for the paragraphs are "Education", "Health", and "Environment". Use font sizes of 12px, 16px, and 20px for the respective paragraphs.

Ques 5: Write an HTML code snippet to display three paragraphs, each styled with different font styles (normal, italic, oblique) using CSS. The topics for the paragraphs are "Science", "Art", and "History". Use normal, italic, and oblique styles for the respective paragraphs.



- CBSE
  - ICSE
  - NTSE
  - Banking & Insurance
  - Central Govt. Service
  - State Govt. Services
  - LAW Entrance
  - MBA Entrance
  - Railways & Metro Services
  - ...many more
- abhyasonline.in

