



## 1. Introduction to HTML

**1. Which of the following is the correct full form of HTML?**

- A. Hyper Trainer Marking Language
- B. Hyper Text Marketing Language
- C. Hyper Text Markup Language
- D. Hyper Text Marking Language



**Answer: C**

**2. HTML is a \_\_\_\_\_ language.**

- A. Programming
- B. Markup
- C. Scripting
- D. Style



**Answer: B**

**3. Which tag is used to define an HTML document?**

- A. <body>
- B. <doctype>
- C. <html>
- D. <head>



**Answer: C**

**4. You are asked to create a static website with basic content display. What is the best choice for structure?**

- A. CSS
- B. HTML
- C. JavaScript
- D. JSON



**Answer: B**

**5. A team member suggests using HTML for styling a web page. What would you recommend?**

- A. Use HTML with scripts
- B. Use HTML with CSS
- C. Use HTML alone
- D. Use JavaScript



**Answer: B**



## 2. Getting Started with HTML

**1. Which tag starts the HTML document?**

- A. <start>
- B. <html>
- C. <begin>

D. <doc>

 **Answer: B**


**2. Which of the following is the correct format for the HTML5 doctype declaration?**

A. <!HTML>

B. <DOCTYPE html>

C. <!DOCTYPE html>

D. <html doctype>

 **Answer: C**

**3. What is the purpose of the <head> tag in HTML?**

A. Defines the footer

B. Contains metadata

C. Contains content

D. Holds scripts only

 **Answer: B**

**4. You are building a web page and want to include metadata like title and character set. Which section should you use?**

A. <meta>

B. <body>

C. <footer>

D. <head>

 **Answer: D**

**5. While teaching students to write HTML from scratch, which tool would you suggest they use?**

A. Photoshop

B. Notepad or VS Code

C. Paint

D. Excel

 **Answer: B**



### **3. Elements & Attributes**

**1. What is an HTML element?**

A. A comment

B. A complete tag with content

C. A script

D. A link

 **Answer: B**

**2. Which of the following is a correct attribute in HTML?**

A. color

B. style

C. width

D. name

✓ Answer: B

3. Which of these is a valid HTML element with an attribute?

A. <p attribute="value">

B. <p attr>

C. <p = "value">

D. <p{value}>

✓ Answer: A

4. You want to add a tooltip to an image in HTML. What attribute would you use?

A. alt

B. title

C. tooltip

D. label

✓ Answer: B

5. If a browser displays broken image icons, which attribute is likely missing or incorrect?

A. alt

B. href

C. src

D. title

✓ Answer: C

## 4. Navigation

1. Which tag is used for creating a hyperlink in HTML?

A. <link>

B. <a>

C. <href>

D. <nav>

✓ Answer: B

2. What does the href attribute in the <a> tag define?

A. Font

B. Image size

C. Link destination

D. Color

✓ Answer: C

3. Which HTML tag is used for grouping navigation links?

A. <header>

B. <footer>

C. <nav>

D. <section>

✓ Answer: C

**4. You want to create a vertical navigation bar. Which approach is most suitable?**

A. Use <footer>

B. Use <nav> with <ul> and <li>

C. Use <table>

D. Use <form>

✓ Answer: B

**5. A user clicks a link and it opens in a new tab. Which attribute likely caused that behavior?**

A. target="\_self"

B. target="\_blank"

C. href="new"

D. alt="open"

✓ Answer: B

## 5. Events

**1. Which HTML attribute is used to trigger a function when a button is clicked?**

A. onhover

B. onclick

C. onpress

D. onselect

✓ Answer: B

**2. What does the **onchange** event do?**

A. Triggers when a key is pressed

B. Triggers when the value of an element is changed

C. Triggers on mouse over

D. Triggers on window load

✓ Answer: B

**3. Which of the following triggers an event when the mouse hovers over an element?**

A. onclick

B. onchange

C. onmouseover

D. onhover

✓ Answer: C

**4. A dropdown list should trigger a function when the selected option changes. Which event fits best?**

A. onblur

B. onchange

C. onclick

D. onload

✓ Answer: B

**5. You want a button to submit a form only after confirmation. Where do you place the event?**

A. onload

B. onmouseover

C. onclick

D. onsubmit

✓ Answer: C



## 6. Web Forms 2.0

**1. Which input type allows selecting a date?**

A. `input type="text"`

B. `input type="calendar"`

C. `input type="date"`

D. `input type="datetime"`

✓ Answer: C

**2. Which input type is used for selecting color in HTML5?**

A. `input type="rgb"`

B. `input type="color"`

C. `input type="hex"`

D. `input type="paint"`

✓ Answer: B

**3. What does the **required** attribute do?**

A. Sets max length

B. Makes field optional

C. Makes field mandatory

D. Defines input type

✓ Answer: C

**4. You want a user to only submit the form after filling out all fields. What should you use?**

A. `validate="true"`

B. `required` attribute

C. `checkAll()` function

D. `alert()` function

✓ Answer: B

**5. A designer wants to restrict a phone input to numeric only. What's the best input type?**

A. `text`

B. `tel`

C. `email`

D. number

 **Answer: D**

## 7. Web Storage


**1. Which of the following provides persistent data storage in the browser?**

- A. localStorage
- B. sessionStorage
- C. cookies
- D. cache

 **Answer: A**


**2. Which Web Storage type is cleared when the browser is closed?**

- A. localStorage
- B. sessionStorage
- C. cookies
- D. cache

 **Answer: B**

**3. What method is used to store data in localStorage?**

- A. saveItem( )
- B. setValue( )
- C. setItem( )
- D. writeItem( )

 **Answer: C**


**4. A user needs to be remembered across page reloads but not after closing the tab. Which storage should you use?**

- A. sessionStorage
- B. localStorage
- C. IndexedDB
- D. Cookies

 **Answer: A**

**5. An app stores shopping cart items but loses them after the browser closes. What's the issue?**

- A. Used cookies
- B. Used sessionStorage
- C. No storage used
- D. Used localStorage


 **Answer: B**

## 8. Web SQL Database

**1. Which method is used to start a Web SQL database?**

- A. openDB( )

- B. `openDatabase()`
- C. `newDatabase()`
- D. `createDatabase()`

 **Answer: B**

**2. Web SQL is primarily supported in which browser?**

- A. Safari
- B. Firefox
- C. Edge
- D. Opera

 **Answer: A**

**3. Which SQL command is used to retrieve data?**

- A. INSERT
- B. UPDATE
- C. SELECT
- D. DELETE

 **Answer: C**

**4. A developer wants to store large structured data in the browser. What should they use?**

- A. Cookies
- B. Web SQL
- C. `localStorage`
- D. `sessionStorage`

 **Answer: B**

**5. A web app needs to query a database on the client-side. Which API is most appropriate?**

- A. AJAX
- B. Web SQL
- C. `localStorage`
- D. REST API

 **Answer: B**

## 9. Geolocation

**1. Which method is used to get the user's current location in HTML5?**

- A. `getPosition()`
- B. `navigator.location`
- C. `navigator.geolocation.getCurrentPosition()`
- D. `location.get()`

 **Answer: C**

**2. What does the Geolocation API return?**

- A. IP address
- B. City name
- C. Coordinates (latitude and longitude)

D. ZIP code

 **Answer: C**


**3. What property contains the Geolocation API?**

A. window.geo

B. navigator.geolocation

C. location.api

D. document.geolocation

 **Answer: B**

**4. Your app needs to show nearby restaurants. What HTML5 API will you use to get user location?**

A. Device Orientation

B. Web SQL

C. Geolocation

D. WebRTC

 **Answer: C**


**5. A user is prompted to share their location. Which browser feature is likely responsible?**

A. Cookies

B. Geolocation permissions

C. Camera

D. Microphone

 **Answer: B**