Infosys Springboard

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HTML5 - The Language

This course helps you to kick start your journey with web development. The course provides a brief introduction to the web, an overview of core web technologies, and...**More**

Start

Learning Progress ⑦

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Overview | **Contents** | **Discussions**

What you will learn

Create professional web pages of an application using HTML. Develop web pages having textual content using HTML elements like lists, tables, etc. Create a web application with relevant forms to accept and validate user inputs. Create navigational links between web pages of an application using HTML hyperlinks. Build media-rich web pages with embedded video, audio, and image content using HTML media elements. Develop web pages by embedding required web documents using HTML iFrames. Develop a quality HTML code by incorporating coding best practices and security measures.

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At a glance

🖥 Course

🕐 13h 17m

📊 Beginner Level

▭ Free

📁 Infosys Wingspan

🔤 EN

▤ Markup Language, HTML5, HTML5 Basic Elements, HTML5 Table Elements, HTML5 Form Elements,

Thank you. Your test submitted.

You have cleared this assessment.

Obtained Percentage	Obtained Marks
64 %	16 / 25

Best Attempt Score:64 % on 11-06-2025

Which of the below requirements web developer has to consider while developing a professional web application?

○ Accessibility

○ Security

○ Functionality

● All the given options

Warning

This operation is disabled.

Look at the below code snippet:

```html
<html>
    <body>
        <form>
            Username: <input type="text"/>

            Password: <input type=

            <input type="submit"/>
        </form>
    </body>
</html>
```

Both input elements are mandatory fields. Which a   an be used to accomplish this?

Warning

This operation is disabled.

Ok

- ⦿ validate
- ◯ required
- ◯ formvalidate
- ◯ placeholder

The web page has to display the below line as part of the web page content. Select the right option.

In HTML, tag <br> is used to introduce a line break in the page content.

○ It is not possible to display HTML tags in wel

○ In HTML, tag <br> is used to introduce a line

◉ In HTML, tag br is used to introduce a line br

○ In HTML, tag <br> is used to introduce

Warning

This operation is disabled.

Ok

Look at the below code :

```
<html>

    <head>

        Hello

    </head>

    <body>

        World!

    </body>

</html>
```

What will be output when the above cod

Warnin

This ope

- ○ World!
- ● Hello
- ○ Hello World!
- ○ No output due to incorrect markup

Jack, a web designer is assigned a task to design a Date picker that picks only weeks.

Code-snippet:

```html
<html>

    <body>

            Select week of the year: _____

    </body>
</html>
```

Which among the following is the correct line of co

> Warning
>
> This operation is disabled.
>
> Ok

○ `<input type="date" name="mydate" week=tr`

◉ `<input type="week" name="mydate"/>`

○ `<week name="mydate"/>`

○ `<date name="mydate" week=true/>`

Look at the below code written in the sample.html file.

```
<html>

  <body>

    <form action="sec.html">

        <a href="three.html"> <input type="im

    </form>

  </body>
</html>
```

What happens when the user clicks on the image?   older.

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Ok

○ sec.html is opened

○ three.html is opened

● Nothing happens and sample.html is still displayed to the user

○ sec.html is
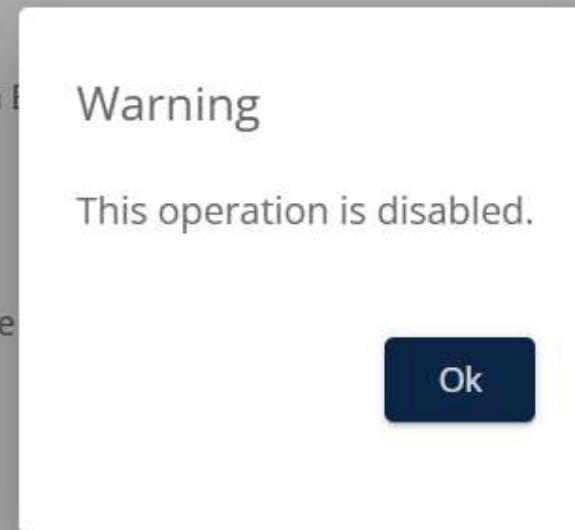
Jack, a web designer is modifying an existing webpage.

Content of the webpage is as follows:

<html>

        <body>

                <p>Headquarter of Infosys is in

        </body>

</html>

In this context, he wants to give importance to the   machine-readability of code. How can he achieve it?

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Ok

○ By using Bangalore

○ By using <i> Bangalore </i>

● By using Bangalore

○ By using Bangalore

Look at the below code snippet:

```
<html>
        <body>
                <audio>
                        <source src="myAudio.mp3" type="audio/mp3" poster="intro.png">
                        <source src = "myAudio.ogg" ty
                                Your browser does no
                </audio>
        </body>
</html>
```

Which of the following is correct with respect to ab

○ poster attribute cannot be used with audio element

○ Source tag cannot be used within audio element

○ audio/mp3 is not a valid type for audio element

● audio/ogg is not a valid allowed audio type in HTML

Tim, a front-end developer is working on an online gaming web application. In his application, he wants to suggest suitable games for people of different ages. For this, he wants to use a range – slider with validation that age should be between 18 – 60 years.

Which of the below input element is correct?

- ⦿ <input type="range" min="18" max="60"/>
- ◯ <input type="slide" min="18" max="60"/>
- ◯ <input type="slider" min="18" max="60"/>
- ◯ <input type="limit" min="18" max="60"/>

Warning
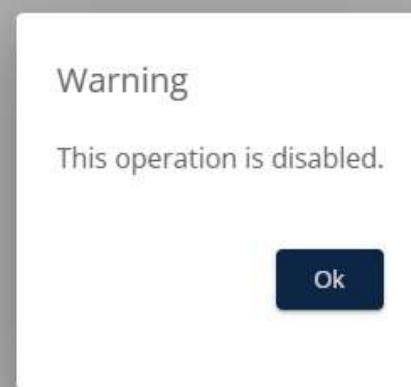
This operation is disabled.

Ok

Sam, a front-end developer has to modify an existing webpage. One of his requirements is to add heading for a table containing employee data. Which element he should use to achieve the same?

Code-snippet:

```
<table>
        <!-- Table Header -->
        <tr>
                <th>Sr. No. </th>
                <th>Name </th>
        </tr>
        <tr>
                <td> 1 </td>
                <td> Jack </td>
        </tr>
        <tr>
                <td> 2 </td>
                <td> Smith</td>
        </tr>
</table>
```

Warning

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Ok

- ○ h1
- ○ header
- ● caption
- ○ heading

Look at the below code-snippet for creating a form input field that should accept only even numbers.

```html
<html>
    <body>
        <form>
            <input type="number" 
        </form>
    </body>
</html>
```

Which of the following attributes can be used to er

Warning

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Ok

○ max = "even"

○ min = "even"

● step = "2"

○ value = "2"

John, a web developer wants to ensure that his webpage will get listed by the search engines.

Which among the following HTML elements will help him to achieve this? (Choose 2 best options)

- ✔ <title> element
- ☐ <body> element
- ☐ <meta> element
- ☐ <section> element

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Ok
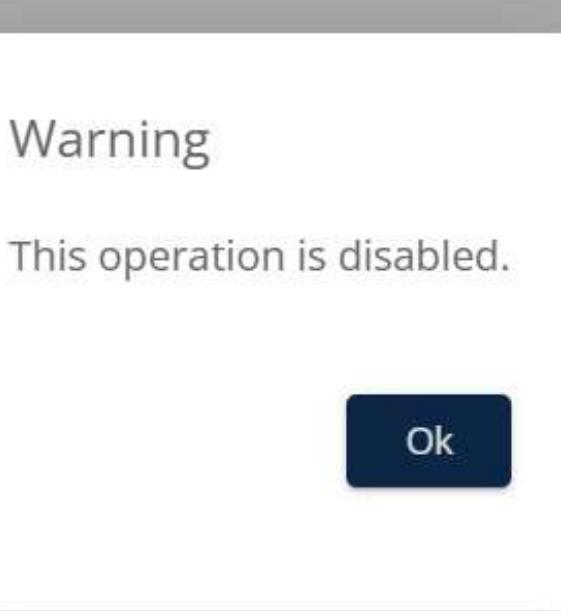
Look at the below code :

```
<html>
        <body>
                ----------------------------------------------
                ----------------------------------------------
                        <div id="1">Copyright info of App
        </body>
</html>
```

To improve machine-readability for this web page, place of **<div id="1">** in the above code ?

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This operation is disabled.

Ok

- ◉ header element
- ○ aside element
- ○ article element
- ○ footer element

For More Solutions: https://github.com/DevGoyalG/NIET-Infosys-Springboard

Look at the below code snippet:

```
<form action="first.jsp">

    <input type="text" name="username"/>

    <input type="submit" formaction="second.jsp"/>

</form>
```

What happens, when a user tries to submit the for

Warning

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Ok

○ Form gets submitted to first.jsp

◉ Form gets submitted to second.jsp

○ Form doesn't get submitted

○ Error message prompts saying "no such attribute formaction"

Smith, a front-end developer has a requirement to incorporate the Twitter notifications page in his new web application. How can he achieve this requirement?

○ By creating hyperlink to Twitter notification

○ By creating bookmark to Twitter notification

○ By incorporating Twitter notification webpag

● By redirecting user to Twitter notification we

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Consider the table shown below:

Sr. No.	Name	
	Firstname	Lastname
1	Jack	Russell

Fill in the missing code snippet to achieve the same:

```
<table>
  <tr>
    <th _____> Sr. No. </th>
    <th _____> Name </th>
  </tr>
  <tr>
    <th> Firstname </th>
    <th> Lastname </th>
  </tr>
  <tr>
    <td> 1 </td>
    <td> Jack </td>
    <td> Russell </td>
  </tr>
</table>
```
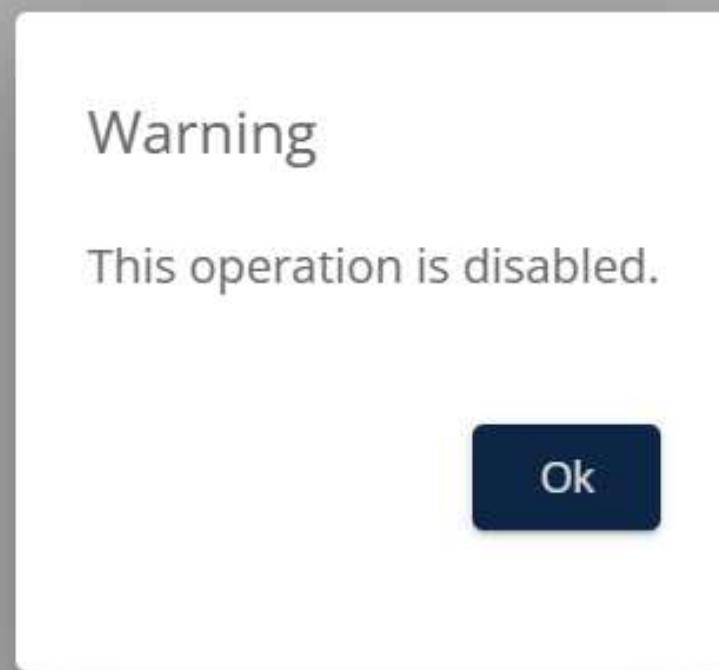
- ● colspan=2, rowspan=2
- ○ rowspan=2, colspan=2
- ○ colspan=2, colspan=2
- ○ rowspan=2, rowspan=2

What will be seen on the screen when sample.html, having the following content, is opened in a web browser?

```
<html>
  <body>
    Hai<User
  </body>
</html>
```
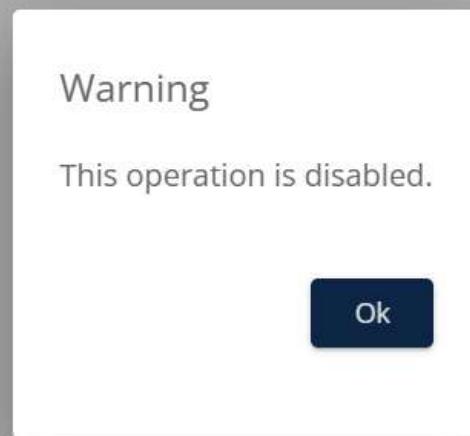
○ Hai<User is displayed in browser

◉ Hai is displayed in browser

○ Blank page is displayed in browser

○ <User is displayed in browser

Sam, a web developer is working on an existing web application. He wants to ensure his webpage display appropriately on different user devices. Which of the following meta element will help him to achieve this requirement?

Skeleton code of Sam's webpage:

```
<html>
        <head>
                <meta _____ />
        </head>
        <body>
                ...
        </body>
</html>
```

Warning

This operation is disabled.

Ok

○ <meta charset="utf-8">

○ <meta http-equiv="content-security-policy" content="default-src 'self' " >

○ <meta http-equiv="default-style" content="/style.css">

● <meta name="viewport" content="width=device-width, initial-scale=1.0">

Which of the below is a secure way of embedding **http://mywebapp.com** in your web application using HTML iFrame?

◯ <iframe src="http://mywebapp.com" > </ifra

🔘 <iframe src="http://mywebapp.com" sandb

◯ <iframe src="http://mywebapp.com" conten

◯ a<iframe src="http://mywebapp.com" self >

Warning

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Susan is working on web page creation using HTML, where she wants to render content in a webpage with double space between words. Which of the below will help her to achieve this requirement?

○ It is not possible to add more than one spac   cument

○ Add   to introduce spaces between th

● Add &nonbreakingspace; to introduce space

○ Add two spaces between words in HTML we

Warning

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Consider the below line of code in HTML :

```
<a href="https://www.test.com" target="_blank" > Test </a>
```

Which of the below HTML attribute must be used along with the <a> tag to make the above code secure to prevent security attacks?

- (•) rel = "noopener noreferrer"

- ( ) content-security-policy = "no opener"

- ( ) sandbox

- ( ) sandbox = "allow-script"

Warning

This operation is disabled.

Ok

Ms. Ann, a web designer is assigned a task to design a web page with a text field, which should display a message 'enter username' to the user until the user clicks on it. As soon as the user clicks on the text field, the message should go off.

Which among the following line of code should Ann choose?

- ○ <input type="text" pattern="enter username
- ○ <input type="text" placeholder="enter userr
- ● <input type="text" message="enter usernam
- ○ <input type="text" tempMessage="enter use

Warning

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Ok

A Web designer is modifying an existing web page. The current page contains below HTML:

```
<ul>

    <li><a href="">Home</a></li>

    <li><a href="">About</a></li>

    <li><a href="">Contact us</a></li>

</ul>
```

He wants to create navigation link structure for ab   ould he use?

Warning

This operation is disabled.

Ok

○

○ <div id="nav"></div>

◉ <nav></nav>

○ <map> </map

In order to get below the style of an unordered list, which of the following is the correct line of code?

- iPhone
- iPad
- MacBook

- ◉ <ul style="list-style-type:circle">
- ○ <ul style="list-style-type:disc">
- ○ <ul style="list-style-type:round">
- ○ <ul style="list-style-type:dot">

Warning

This operation is disabled.

Ok
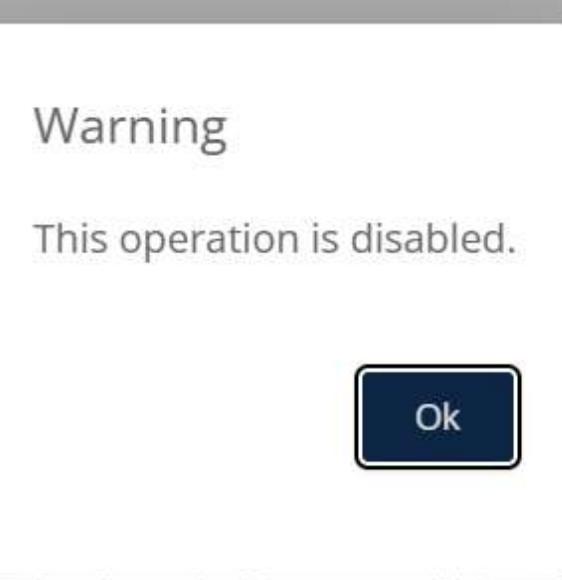
Look at the below code. It plays a video file only once.

```
<html>
        <body>
                <video><source src="myvideo.og
        </body>
</html>
```

In order to play video indefinitely, which   ould replace existing video element?

- ○ <video><source src="myvideo.ogg" type="vi
- ○ <video><source src="myvideo.ogg" type="video/ogg" autobuffer=true></video>
- ● <video><source src="myvideo.ogg" type="video/ogg" loop=true></video>
- ○ <video><source src="myvideo.ogg" type="video/ogg" controls=true></video>

Warning

This operation is disabled.

Ok