

# Microsoft

**98-383 Exam**

**Introduction to Programming Using HTML and CSS**

**[Total Questions: 40]**

**Version 1.0**

## QUESTION 1

### HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, elect No.

NOTE: Each correct selection is worth one point.

Hot Area:

## Answer Area

Ye

A relative link requires that you use a protocol and server path

You can link requires to a document in a subdirectory of the current webpage by specifying only the subdirectory name and the filename

You can use a relative link to reference images files from a repository on a different server

The following example of how you format an absolute link:

<https://www.contoso.com/products.html>

## Answer:

## Answer Area

Ye

A relative link requires that you use a protocol and server path

You can link requires to a document in a subdirectory of the current webpage by specifying only the subdirectory name and the filename

You can use a relative link to reference images files from a repository on a different server

The following example of how you format an absolute link:

<https://www.contoso.com/products.html>

Explanation/Reference:

References:

<https://www.navegabem.com/absolute-or-relative-links.html>

<https://mor10.com/html-basics-hyperlink-syntax-absolute-relative-and-root-relative/>

<https://kb.iu.edu/d/abwp>

## QUESTION 2

### HOTSPOT

You are creating a website for a florist.

The home page contains images of different types of flowers. When the user clicks on a flower, another webpage will load that displays flowers of that type sold by the florist.

The link for carnations must meet the following requirements:

- The image carnation.png must be displayed.
- When the image is clicked, the page carnations.html must load.

How should you complete the markup? To answer, select the appropriate markup segments in the answer area.

Hot Area:

## Answer Area

< "href= "carnations.html >
< "a href= "carnations.html>
< "a src= "carnation.png >
< "a src= "carnations.html >

<img href= "carnations.html" /> </a>
< img href= "carnation.png" /> </a >
< img src = "carnation. png" /> </a >
< img src = "carnations.html" /> </a >

### Answer:

## Answer Area

< "href= "carnations.html >
< "a href= "carnations.html>
< "a src= "carnation.png >
< "a src= "carnations.html >

<img href= "carnations.html" /> </a>
< img href= "carnation.png" /> </a >
< img src = "carnation. png" /> </a >
< img src = "carnations.html" /> </a >

Explanation/Reference:

References: [https://www.w3schools.com/html/html\\_links.asp](https://www.w3schools.com/html/html_links.asp)

## QUESTION 3

### HOTSPOT

You are designing a website for Litware, Inc.

A webpage must display the following list of numbered steps:

1. Download.
2. Install the update.
3. Restart your computer.

You need to create the necessary markup.

Use the drop-down menus to select the answer choice that answers each question based on the information presented in the requirements.

Hot Area:

## Answer Area

What is the correct opening tag for the list?

< dt >
< li >
< ol >
< ul >

What is the correct tag for each item list?

< dt >
< li >
< ol >
< ul >

**Answer:**

# Answer Area

What is the correct opening tag for the list?

< dt >
< li >
< ol >
< ul >

What is the correct tag for each item list?

< dt >
< li >
< ol >
< ul >

Explanation/Reference:

References: [https://www.w3schools.com/html/html\\_lists.asp](https://www.w3schools.com/html/html_lists.asp)

## QUESTION 4

You are analyzing a form that sends multiline comments to another page on the Internet. The following is the form's markup:

```
< form action= "http : / /www. contoso. com/receivecomments.asp"
      method= "post">
    Comments : <br>
    <textarea id= "commetsns" >< / textarea >
    <input type= "submit" value= "Submit" | >
< /form >
```

No data is sent when the form is submitted.

You need to solve this problem so that the data in the text box is submitted.

What should you do?

- A. Replace the textarea element with an input element.
- B. Set the name attribute of the textarea element.
- C. Change the value of the method attribute to get.
- D. Set the id attribute of the form element.

## Answer: C

Explanation/Reference:

References: [https://www.w3schools.com/tags/att\\_form\\_action.asp](https://www.w3schools.com/tags/att_form_action.asp)

## QUESTION 5

### HOTSPOT

You are designing a webpage that tests a user's ability to remember a list of ordered items in a particular category. The page must contain a header that displays the category and a list of items in that category. An example is shown in the exhibit. (Click the Exhibit tab.)

Exhi

bit

Fruit

- 1. Apple
- 2. Pear
- 3. Orange

This page will test your ability to remember the order of the preceding items.

Glance at the list for 3 seconds.

Then close your eyes and recite the items in the order listed.

Illustration of the web page that contains the word Fruit at the top of the page in large, bold letters, following by a numbered list with the words, apple, pear, and orange. There are three additional sentences at the bottom of the page. The first sentence is, "This page will test your ability to remember the order of the preceding items." The second sentence is "Then close your eyes and recite the items in the order listed."

How should you complete the markup? To answer, select the appropriate markup segment in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

## Answer Area

<  > Fruit </  >

span
table
h1

span
table
h1

<  >

ol
ul
p

```
< li >Apple< /li >  
< li >Pear< li >  
< li >Orange< / li >
```

</  >

ol
ul
p

< br >

<  >

table
p
li

This page will test your ability to remember the order of the preceding items. < br >

Glance at the list for 3 seconds .<br>

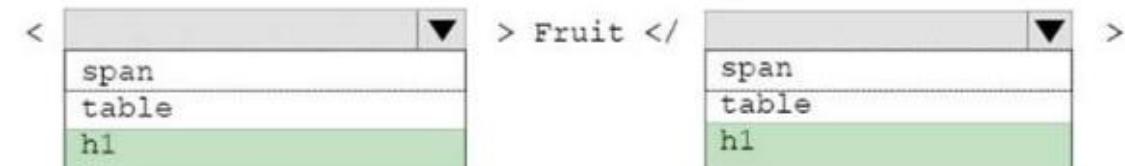
Then close your eyes and recite the items in the order listed.

</  >

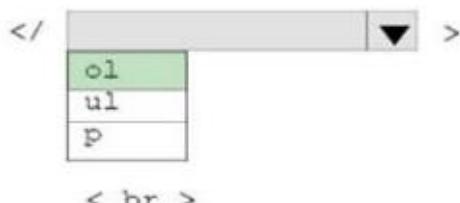
table
p
li

Answer:

## Answer Area



```
< li >Apple< /li >  
< li >Pear< li >  
< li >Orange< / li >
```



```
< br >
```



This page will test your ability to remember the order of the preceding items. < br >

Glance at the list for 3 seconds .<br>

Then close your eyes and recite the items in the order listed.



Explanation/Reference:

References: <https://www.w3schools.com/tags/default.asp>

## QUESTION 6

### HOTSPOT

You are creating an image link to the clients.html page. When the visitor clicks on the clients.gif graphic, the clients.html page must display in a new window. The graphic must provide text for screen readers and display text while the page is loading.

How should you complete the markup? To answer, select the appropriate markup segments in the answerarea.

Hot Area:

### Answer Area

<  
a  
img  
figure

>  
"src= "clients.gif" title = "Clients image  
"href= "clients.html" target= "\_blank  
"href= "clients.html" target= "\_self  
"src= "clients.gif" alt= "Clients image

<  
a  
img  
figure

>  
"src= "clients.gif" title = "Clients image  
"href= "clients.html" target= "\_blank  
"href= "clients.html" target= "\_self" src= "clients.gif" alt= "Clients image  
"src= "clients.gif" alt= "Clients image

<  
</a>  
</img>  
</figure>

### Answer:

### Answer Area

<  
a  
img  
figure

>  
"src= "clients.gif" title = "Clients image  
"href= "clients.html" target= "\_blank  
"href= "clients.html" target= "\_self  
"src= "clients.gif" alt= "Clients image

<  
a  
img  
figure

>  
"src= "clients.gif" title = "Clients image  
"href= "clients.html" target= "\_blank  
"href= "clients.html" target= "\_self" src= "clients.gif" alt= "Clients image  
"src= "clients.gif" alt= "Clients image

<  
</a>  
</img>  
</figure>

Explanation/Reference:

References:

<https://amylynnandrews.com/html-clickable-image/>  
[https://www.w3schools.com/html/html\\_images.asp](https://www.w3schools.com/html/html_images.asp)

p

## QUESTION 7

DRAG DROP

You need to create the following web page:

[Home](#) [About Us](#) [Contact Us](#)

### Our Mission

Northwind Traders - your № 1 source of specialty food items and beverages

  
*Northwind Traders Logo*  
*Northwind Traders*

### Our Guarantee

Northwind Traders offers availability 24 hours a day, 7 days a week, 365 days a year

**Copyright © Northwind traders . 2017**

Which five markup segments should you use to develop the solution? To answer, move the appropriate markup segments from the list of markup segments to the answer area and arrange them in the correct order.

Select and Place:

## Markup Segments

```
<footer>
  <hr>
  Copyright (c)  Northwind Traders , 2017
< / footer>
```

```
<aside>
  <a href= "#">Home < / a >
  <a href= "#">About Us < / a >
  <a href= "#">Contact Us< / a >
< / aside >
```

```
< summary>
  < figure >
    < img src= "Images/NorthwindLogo.gif"
Alt= "Northwind Traders logo" width= "100"
Height= "100">
    < / figure>
    < figcaption > Northwind Traders
Logoc< / figcaption>
  <p>
Northwind Traders
```

```
< article >
  <h1>Our Mission</h1>
  <p>
  Northwind traders - - your #1 source of
Specialty food items and beverages.
  < / p>
< / article>
```

```
<article>
  <figure>
    < img src= "Images/ NorthwindLogo.gif"
alt= "Northwind Traders logo" width= "100"
height= "100">
    < figcaption>Northwind Traders
Logoc</figcaption>
  </figure>
  <p>
  Northwind Traders
  </p>
</article>
```

```
<article>
  <h1>Our Guarantee</h1>
  <p>
  Northwind Traders offers availability 24
Hours a day, 7 days a week, 365 days a year.
  </p>
</article>
```

```
<footer>
  <h1>Our Guarantee</h1>
  <p>
  Northwind Traders offers availability 24
Hours a day, 7 days a week, 365 days a year.
  </p>
</footer>
```

## Answer Area



**Answer:**

## Markup Segments

```
<aside>
  <a href="#">Home </a>
  <a href="#">About Us </a>
  <a href="#">Contact Us</a>
</aside>

<summary>
  <figure>
    
  </figure>
  <figcaption>Northwind Traders
  Logo</figcaption>
<p>
  Northwind Traders
</p>
```

```
<footer>
  <h1>Our Guarantee</h1>
  <p>
    Northwind Traders offers availability 24
    Hours a day, 7 days a week, 365 days a year.
  </p>
</footer>
```

## Answer Area

```
<nav>
  <a href="#">Home</a>
  <a href="#">About Us</a>
  <a href="#">Contact Us</a>
</nav>
```

```
<article>
  <h1>Our Mission</h1>
  <p>
    Northwind traders -- 
    Specialty food items and be
    </p>
</article>
```

◀ ▶

```
<article>
  <figure>
    
  <figcaption>Nort
  Logo</figcaption>
  </figure>
  <p>
    Northwind Traders
  </p>
</article>
```

```
<article>
  <h1>Our Guarantee</h1>
  <p>
    Northwind Traders off
    Hours a day, 7 days a wee
  </p>
</article>
```

```
<footer>
  <hr>
  Copyright (c)  Northw
</footer>
```

### Explanation/Reference:

References: <https://www.w3schools.com/tags/default.asp>

## QUESTION 8

### HOTSPOT

You are creating a web form to allow visitors to sign up for a mailing list. The form will collect the information that is shown in the following screen shot:

## Alpine Ski House Mailing List

Join our mailing list now.

First name:

Last name:

E-mail:

A

I wish to subscribe to the Alpine Ski House mailing list.

B Frequency of email promotions:

- Daily
- Weekly
- Monthly

C

Use the drop-down menus to select the answer choice that answers each questions based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Hot Area:

## Answer Area

Which code segment will display the form element labeled A?

```
<input type="radio" name="firstname">
<input type="text" name="checkbox">
<input type="checkbox" name="subscribe" value="Yes">
<input type="text" name="Yes">
```

Which code segment will display the form element labeled B?

```
<input type="radio" name="frequency" value="daily">
<input type="radio" name="frequency" value="weekly">
<input type="submit" value="Submit">
<input type="text" name="frequency" value="daily" cl
```

Which code segment will display the form element labeled C?

```
<input type="radio" name="frequency" value="daily">
<input type="checkbox" name="Submit" value="Submit">
<input type="submit" value="Submit">
<option value="Submit"> Submit</option >
```

**Answer:**

## Answer Area

Which code segment will display the form element labeled A?

```
<input type="radio" name="firstname">
<input type="text" name="checkbox">
<input type="checkbox" name="subscribe" value="Yes">
<input type="text" name="Yes">
```

Which code segment will display the form element labeled B?

```
<input type="radio" name="frequency" value="daily">
<input type="radio" name="frequency" value="weekly">
<input type="submit" value="Submit">
<input type="text" name="frequency" value="daily" cl
```

Which code segment will display the form element labeled C?

```
<input type="radio" name="frequency" value="daily">
<input type="checkbox" name="Submit" value="Submit">
<input type="submit" value="Submit">
<option value="Submit"> Submit</option >
```

Explanation/Reference:

References: <https://www.w3schools.com/tags/default.asp>

### QUESTION 9

#### HOTSPOT

You are creating an HTML document that contains an essay with two sections.

You need to make it easy for the user to navigate from the top of the document to section 1.

How should you complete the markup? To answer, select the appropriate markup segments in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

## Answer Area

The markup defining the page should be:

```
<a href= "#Section2" >Section 2</a>
<a id= "Section2" >Section 2</a>
<a href= "Section2" >Section 2</a>
<a target= "#Section2">Section 2</a>
<a target= "#" >Section 2</a>
```

The markup defining the anchor for section 2 should be:

```
<a href= "#Section2" >Section 2</a>
<a id= "Section2" >Section 2</a>
<a href= "Section2" >Section 2</a>
<a target= "#Section2">Section 2</a>
<a target= "#" >Section 2</a>
```

### Answer:

## Answer Area

The markup defining the page should be:

```
<a href= "#Section2" >Section 2</a>
<a id= "Section2" >Section 2</a>
<a href= "Section2" >Section 2</a>
<a href= "#Section2" >Section 2</a>
<a target= "#Section2">Section 2</a>
<a target= "#" >Section 2</a>
```

The markup defining the anchor for section 2 should be:

```
<a href= "#Section2" >Section 2</a>
<a id= "Section2" >Section 2</a>
<a href= "Section2" >Section 2</a>
<a target= "#Section2">Section 2</a>
<a target= "#" >Section 2</a>
```

Explanation/Reference:

References: [https://www.w3schools.com/tags/tag\\_a.asp](https://www.w3schools.com/tags/tag_a.asp)

## QUESTION 10

### HOTSPOT

You are designing a webpage that is divided into several sections. Each section has a heading and a one-line quote.

The following example shows the top section rendered by using the browser default styles:

# Quote from Yesterday

Tomorrow is not promised

You need to complete the markup for the top section using the appropriate HTML tags.

How should you complete the markup? To answer, select the appropriate markup segments in the answerarea.

NOTE: Each correct selection is worth one point

**Hot Area:**

## Answer Area

▼

<div>
<h1>
<span> (<h1>)

▼

<div>
<h1>
<head> (<head>)

Quote from Yesterday

▼

<p>
<span>

Tomorrow is not promis

Answer:

## Answer Area

```
<div>
<h1>
<span> (<h1>)
```

```
<div>
<h1>
<head> (<head>)
```

Quote from Yesterday

```
<br>
<p>
<span>
```

Tomorrow is not promised

Explanation/Reference:

References: [https://www.w3schools.com/tags/tag\\_div.asp](https://www.w3schools.com/tags/tag_div.asp)

## QUESTION 11

### HOTSPOT

You are creating an HTML document that displays a list of news articles.

The list has the following requirements:

Each article must be its own semantic block.

Each article must have a headline.

Each article must have a section that contains its content.

For browsers that support the feature, the content must be hidden until the user clicks to reveal it.

The following shows how the article displays when the article content is hidden:



## Article Headline

The following shows how the article displays when the article content is displayed:



## Article Headline

This is the article body.

You need to create the markup for an article.

How should you complete the markup? To answer, select the appropriate markup segments in the answerarea.

NOTE: Each correct selection is worth one point.

Hot Area:

## Answer Area

<article>  
<details>  
<summary>

<article>  
<details>  
<summary>

<article>  
<details>  
<summary>

Article Headline

<article>  
<details>  
<summary>

<p> This is the article content. </p>

<article>  
<details>  
<summary>

**Answer:**

## Answer Area

<article>  
<details>  
<summary>

<article>  
<details>  
<summary>

<article>  
<details>  
<summary>

Article Headline

<article>  
<details>  
<summary/>

<p> This is the article content. </p>

<article>  
<details>  
<summary>

Explanation/Reference:  
References:

[https://www.w3schools.com/tags/tag\\_details.asp](https://www.w3schools.com/tags/tag_details.asp) [https://www.w3schools.com/tags/tag\\_article.asp](https://www.w3schools.com/tags/tag_article.asp)

## QUESTION 12

### DRAG DROP

You are creating an HTML page that displays a how-to guide for a card game. You want to use the browser's default style sheet.

You need to display the following content:

## How to Play

Disregard the jokers. Then deal one card to each player until all the cards in the deck have been dealt.

---

The player to your left plays first.

How should you complete the markup? To answer, drag the appropriate HTML elements to the correct locations. Each element may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

## HTML Elements

0 h1      0 hr      0 title  
0 br      0 span

## Answer Area

< 0 > How to play </ 0 >

<p>

Disregard the jokers.

Then deal one card to each player until

All the cards in the deck have been dealt.

<p>

< 0 >

<p>

The player to your right plays first.

<p>

## Answer:

## HTML Elements

h1      hr      title  
br      span

## Answer Area

< h1 > How to play </ h1 >

<p>

Disregard the jokers.

Then deal one card to each player until

All the cards in the deck have been dealt.

<p>

< hr >

<p>

The player to your right plays first.

<p>

## Explanation/Reference:

### References:

[https://www.w3schools.com/tags/tag\\_hn.asp](https://www.w3schools.com/tags/tag_hn.asp)  
[https://www.w3schools.com/tags/tag\\_hr.asp](https://www.w3schools.com/tags/tag_hr.asp)

## QUESTION 13

### DRAG DROP

You are creating a page on your personal website to display your family portrait. You need to make sure that browsers display the text Family Portrait before the photo is downloaded.

How should you complete the markup? To answer, drag the appropriate markup segment from the column on the left to its correct position on the right. Each markup segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Select and Place:

### HTML Segments

img      picture      src  
href      alt      title

### Answer area

<   = "portrai

Answer:

### HTML Segments

picture   
href  title

### Answer area

< img  src = "portrai

Explanation/Reference:

References: [https://www.w3schools.com/tags/tag\\_img.asp](https://www.w3schools.com/tags/tag_img.asp)

## QUESTION 14

### DRAG DROP

You want to complete the pseudo class for link elements so that the links appear red when the page loads, green when the link is clicked, orange when the cursor moves over the link, and blue if the link was clicked previously.

How should you complete the code? To answer, drag the appropriate CSS selector to the correct locations. Each selector may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Select and Place:

## CSS Selectors

`a : active`

`a : visited`

`a : link`

`a : hover`

## Answer Area

`a : active {color: red}`

`a : visited {color: blue}`

`a : link {color: orange}`

`a : hover {color: green}`

### Answer:

## CSS Selectors



## Answer Area

```
a : link      {;color: red}  
a : visited   {;color: blue}  
a : hover     {;color: orange}  
a : active    {;color: green}
```

### Explanation/Reference:

References: [https://www.w3schools.com/cssref/css\\_selectors.asp](https://www.w3schools.com/cssref/css_selectors.asp)

## QUESTION 15

You are designing a website for City Power & Light.

You write the following markup. Line numbers are included for reference only.

```
01 <!DOCTYPE html>
02 <html>
03   <head>
04     <title>City Power & Light</title>
05   </head>
06   <body>
07     <p>Welcome to City Power & Light. </p>
08   </body>
09 </html>
```

What style will be used to render the `code`?

- A. The browser default style will be used.
  - B. An inline style will be used.
  - C. An international style will be used.
  - D. An external style will be used.

## Answer: A

Explanation/Reference:

References: [https://www.w3schools.com/cssref/css\\_default\\_values.asp](https://www.w3schools.com/cssref/css_default_values.asp)

## QUESTION 16

### HOTSPOT

The external stylesheet named mystyles.css contains the following three rules.

```
h1 { color : blue; }  
h2 { color : purple; }  
p { color : grey ;}
```

The head section of a webpage contains the following markup:

```
<link rel= "stylesheet" type= "text/css" href= "mystyles.css">  
<style>  
    h1 { color : maroon ; }  
    h2 { color : blue ; }  
    p { color : black ; }  
</style>
```

The following elements appear within the body of the webpage:

```
<h1 style= "color : black ;"> AdventureWorks Presents</h1>  
<h2>Rock Climbing 101</h2>  
<p style= "color : blue ;" >Coming soon!</p>  
<h1>Awards</h1>  
<p>Certificates will be awarded in June. </p>
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point

Hot Area:

## Answer Area

Yes

“Certificates will be awarded in June”. Is displayed in grey.

“Coming soon!” is displayed in blue.

“Awards” is displayed in maroon”.

“Rock climbing 101” is displayed in purple”.

## Answer Area

Yes

“Certificates will be awarded in June”. Is displayed in grey.

“Coming soon!” is displayed in blue.

“Awards” is displayed in maroon”.

“Rock climbing 101” is displayed in purple”.

Explanation/Reference:

References: [https://www.w3schools.com/css/css\\_howto.asp](https://www.w3schools.com/css/css_howto.asp)

## QUESTION 17

Analyze the following CSS for a webpage:

```
<!Doctype html>
<html>
  <head>
    <style>
      p  {
        background-color : blue;
      }
      .light {
        background-color : yellow;
      }
      .light p {
        background-color : green;
      }
    </style>
  </head>
  <body>
    <div class= "light" style= "background-color:pink">
      <p>This is some sample text</p>
    </div>
  </body>
</html>
```

What is the resulting background color of the paragraph element?

- A. Pink
- B. Blue
- C. Yellow
- D. Green

**Answer: A**

### Explanation/Reference:

References: [https://www.w3schools.com/tags/tag\\_div.asp](https://www.w3schools.com/tags/tag_div.asp)

## QUESTION 18

You are building a website and want to have three main links called Home, Product Info, and Contact Us. You will create a hierarchy of page elements and revise the stylesheets.

You want to apply a style to all elements in a document.

Which type selector should you use?

- A. +
  - B. >
  - C. :
  - D. \*

**Answer: D**

### Explanation/Reference:

References: [https://www.w3schools.com/cssref/sel\\_all.asp](https://www.w3schools.com/cssref/sel_all.asp)

## QUESTION 19

## DRAG DROP

You are designing a website for Margie's Travel. The website uses external stylesheets.

You need to create a style that centers all h1 elements on the page.

How should you complete the code? To answer, drag the appropriate code segment to the correct location in the code. Each code segment may be used once, more than once or not at all. You may need to drag the split bar between panes or scroll to view content. `text-align center h1 = : ; .h1`

## Select and Place:

### Answer area

```
text-align: center;
h1 {
  font-size: 1.5em;
  margin: 0;
}
```

### Answer:

## Answer area

```
[ ] [ ] h1 { text-align : center; }  
[ ] [ ]  
[ ] .h1  
= [ ]
```

Explanation/Reference:  
References: [https://www.w3schools.com/css/css\\_syntax.asp](https://www.w3schools.com/css/css_syntax.asp)

## QUESTION 20

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area	Yes	No
A CSS comment starts with /* and ends with */.	<input type="radio"/>	<input type="radio"/>
Percent and EM are relative measurements and the size of each depends upon its parent.	<input type="radio"/>	<input type="radio"/>
Pixels are recommended units for specifying size.	<input type="radio"/>	<input type="radio"/>
The font-family attribute helps ensure maximum compatibility between web browsers.	<input type="radio"/>	<input type="radio"/>

## Answer:

Answer Area	Yes	No
A CSS comment starts with /* and ends with */.	<input type="radio"/>	<input type="radio"/>
Percent and EM are relative measurements and the size of each depends upon its parent.	<input type="radio"/>	<input type="radio"/>
Pixels are recommended units for specifying size.	<input type="radio"/>	<input type="radio"/>
The font-family attribute helps ensure maximum compatibility between web browsers.	<input type="radio"/>	<input type="radio"/>

Explanation/Reference:  
References:  
<https://www.xanthir.com/b4U10>  
<https://www.w3.org/Style/Examples/007/units.en.html>  
[https://www.w3schools.com/css/css\\_font.asp](https://www.w3schools.com/css/css_font.asp)

## QUESTION 21

HOTSPOT

You define the following styles in a style block:

```
<style>

    #style1  {
        color:  red;
        font-size: 30px;
    }

    #style2  {
        color : blue ;
        font-size : 40px;
    }

    #style3  {
        color : green
        font-size : 20px;
    }

</style>
```

You write the following HTML:

```
01  <body  style= "color : purple;  font-size: 10px;">
02      <p  id= "style1">Fasten  your  seat  belt < / p>
03      <p>Look  both  ways  before  pulling  out. < / p>
04      <p  id= "style3"  style= "color : red;" >Watch  your
speed. < / p>
05      <p  style= "color : green;  font-size : 20px ;" >Be
ready  to  stop. < / p>
06      <p  style= "color : red;">Study  the  rules  of  the
road. < / p>
07      <p  style= "font-size : 30px; " > You'll  be  driving
in  no  time. < / p>
08  </body>
```

Use the drop-down menus to select the answer choice that answers each question based on the information presented in the CSS style and markup.

NOTE: Each correct selection is worth one point.

Hot Area:

## Answer Area

Line 02 displays text in which color?

red
blue
green
purple

Line 02 displays text in which font size?

pixels 20
pixels 30
pixels 40
pixels 10

Line 03 displays text in which color?

red
blue
green
purple

**Answer:**

# Answer Area

Line 02 displays text in which color?

red
blue
green
purple

Line 02 displays text in which font size?

pixels 20
pixels 30
pixels 40
pixels 10

Line 03 displays text in which color?

red
blue
green
purple

Explanation/Reference:

References: [https://www.w3schools.com/html/html\\_css.asp](https://www.w3schools.com/html/html_css.asp)

## QUESTION 22

### DRAG DROP

You are creating a website for Northwind Traders appear on the browser tab. There will also be a paragraph that greets users to the site.

You need to create the structure of the website.

In which order should you arrange the markup segments to develop the solution? To answer, move all markup segments from the list of markup segments to the answer area and arrange them in the correct order.

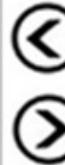
Select and Place:

### Markup Segments

0 </head>  
0 </body>  
0 <p>Welcome to the Northwind Traders website.</p>  
0 <title>Northwind Traders</title>  
0 </ html>  
0 <html>  
0 <head>  
0 <!DOCTYPE html >  
0 <body>

### Answer Area

0  
0  
0  
0  
0  
0  
0  
0  
0  
0



**Answer:**

### Markup Segments

### Answer Area

<!DOCTYPE html >  
<html>  
<head>  
0 <title>Northwind Traders</title>  
</head>  
<body>  
<p>Welcome to the Northwind Traders website.</p>  
</body>  
</ html>



Explanation/Reference:

References: [https://www.w3schools.com/howto/howto\\_make\\_a\\_website.asp](https://www.w3schools.com/howto/howto_make_a_website.asp)

## QUESTION 23

DRAG DROP

You are creating a simple HTML page that displays the text, Hello World. You must ensure that the markup is well-formed and conforms to industry best practices.

How should you construct the page? To answer, drag the appropriate HTML tags to the correct HTML tag locations. Each tag may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Select and Place:

### HTML Tags

<input type="checkbox"/> body	<input type="checkbox"/> html
<input type="checkbox"/> DOCTYPE html!	<input type="checkbox"/> head

### Answer area

<	<input type="checkbox"/>	>
<	<input type="checkbox"/>	>
<	<input type="checkbox"/>	>

Hello World

</	<input type="checkbox"/>	>
</	<input type="checkbox"/>	>

## Answer:

### HTML Tags

<input type="checkbox"/> body	<input type="checkbox"/> html
<input type="checkbox"/> DOCTYPE html!	<input type="checkbox"/> head

### Answer area

<	<input type="checkbox"/> DOCTYPE html!	>
<	<input type="checkbox"/> html	>
<	<input type="checkbox"/> body	>

Hello World

</	<input type="checkbox"/> body	>
</	<input type="checkbox"/> html	>

Explanation/Reference:

References: [https://www.w3schools.com/tags/tag\\_body.asp](https://www.w3schools.com/tags/tag_body.asp)

## QUESTION 24

DRAG DROP

You are designing a webpage for Contoso by using HTML.

You need to create content for the head section.

Which four markup segments should you use? To answer, move the appropriate markup segments from the list of markup segments to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Select and Place:

### Markup Segments

0 <meta charset="utf-8">

0 <!DOCTYPE html >

0 <title> About Contoso</title>

0 <header>New Realesees</header>

0 <head/>

0 <h3>Contact Us</h3>

0 <head>

0 <"meta enctype="utf-8>

### Answer Area

0

0

0

0



**Answer:**

## Markup Segments

<meta charset="utf-8">

<header>New Realesees</header>

<h3>Contact Us</h3>

<"meta enctype="utf-8">

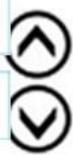
## Answer Area

<!DOCTYPE html >

<head>

<title> About Contoso</title>

<head/>



### Explanation/Reference:

References: [https://www.w3schools.com/html/html\\_head.asp](https://www.w3schools.com/html/html_head.asp)

## QUESTION 25

### DRAG DROP

You are creating a home page for Blue Yonder Airlines. The page will use JavaScript. If a browser does not support JavaScript, the following message must be displayed:

Your browser does not support JavaScript!

For the Blue Yonder Airlines home page, match the metadata element to the content or attribute-value pair. To answer, drag the appropriate metadata element from the column on the left to its content or attribute-value pair on the right. Each metadata element may be used once, more than once, or not at all.

NOTE: Each correct selection is worth one point.

Select and Place:

## Answer Area

0 <script>

0 <title>

0 <meta>

0 <noscript>

0 <base>

href="style.css"

src=" \_js/form . js"

Blue Yonder Airlines

Your browser does not support JavaScript!

0

0

0

0

## Answer:

## Answer Area

<code>&lt;meta&gt;</code>	<code>href= "style.css"</code>	<code>&lt;base&gt;</code>
	<code>src=" _js/form . js"</code>	<code>&lt;script&gt;</code>
	<code>Blue Yonder Airlines</code>	<code>&lt;title&gt;</code>
	<code>Your browser does not support JavaScript!</code>	<code>&lt;noscript&gt;</code>

Explanation/Reference:

References: <https://www.w3schools.com/tags/default.asp>

## QUESTION 26

HOTSPOT

For each of the following markup segments, select Yes if the HTML element belongs in the head block. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

## Answer Area

	Yes	No
<code>&lt;style&gt; h1 {color: red;} &lt; /style&gt;</code>	<input type="radio"/>	<input type="radio"/>
<code>&lt;title&gt;Contact Information&lt;/title&gt;</code>	<input type="radio"/>	<input type="radio"/>
<code>&lt; link rel= "stylesheet" href= "default.css" /&gt;</code>	<input type="radio"/>	<input type="radio"/>
<code>&lt;h1&gt;Welcome&lt; /h1&gt;</code>	<input type="radio"/>	<input type="radio"/>
<code>&lt;DOCTYPE html!&gt;</code>	<input type="radio"/>	<input type="radio"/>

**Answer:**

# Answer Area

	Yes	No
<style> h1 {color: red;} </style>	<input checked="" type="radio"/>	<input type="radio"/>
<title>Contact Information</title>	<input checked="" type="radio"/>	<input type="radio"/>
< link rel= "stylesheet" href= "default.css" />	<input checked="" type="radio"/>	<input type="radio"/>
<h1>Welcome</h1>	<input type="radio"/>	<input checked="" type="radio"/>
<DOCTYPE html!>	<input type="radio"/>	<input checked="" type="radio"/>

Explanation/Reference:

References: [https://www.w3schools.com/tags/tag\\_head.asp](https://www.w3schools.com/tags/tag_head.asp)

## QUESTION 27

DRAG DROP

You need to identify the parts of the CSS box model that define an element's dimensions.

To answer, drag the appropriate part to the correct area. Each part may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

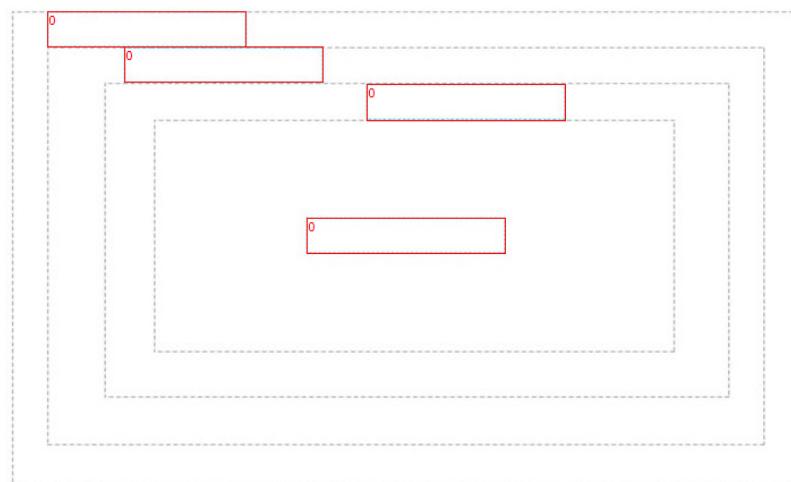
NOTE: Each correct selection is worth one point

Select and Place:

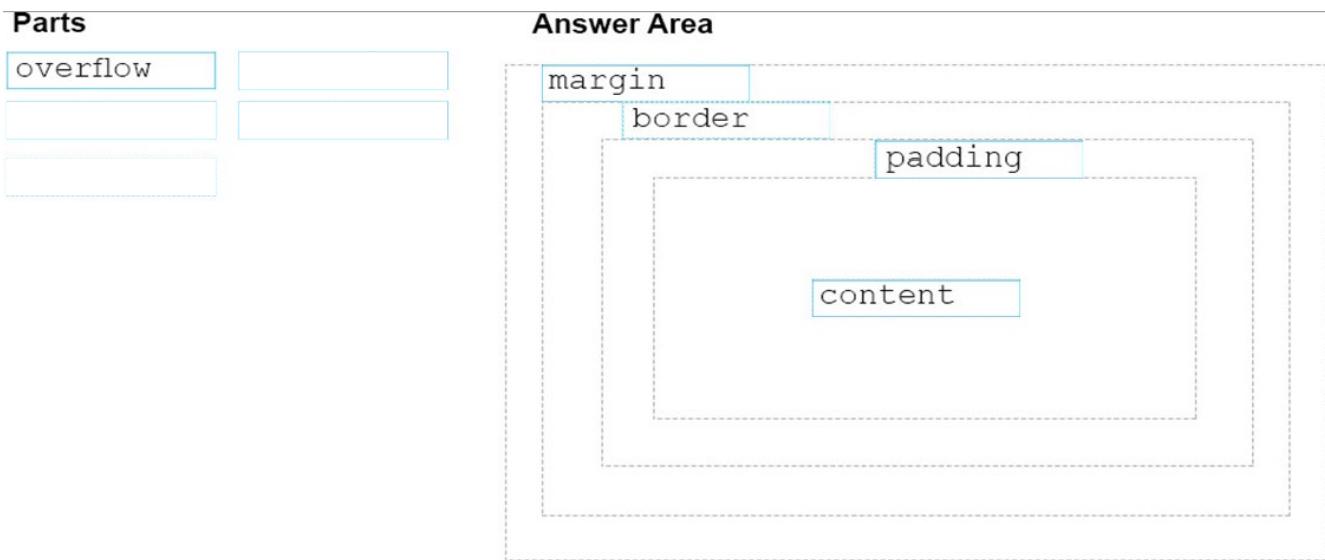
**Parts**

overflow    content  
 padding    margin  
 border

**Answer Area**



**Answer:**



Explanation/Reference:

References: [https://www.w3schools.com/css/css\\_boxmodel.asp](https://www.w3schools.com/css/css_boxmodel.asp)

## QUESTION 28

DRAG DROP

You are defining CSS classes to style text in your HTML document.

You need to format section titles to look like the following example:



Which CSS attributes should you use to define each setting? To answer, drag the appropriate attribute from the column on the left to its setting on the right. Each attribute may be used once, more than once, or not at all.

Select and Place:

### Attributes

font-family	font-size	font-style
font-weight	font-variant	

### Answer area

Arial  
100  
italic  
large


### Answer:

### Attributes

	font-variant	

### Answer area

Arial  
100  
italic  
large

font-family
font-weight
font-style
font-size

Explanation/Reference:

References: [https://www.w3schools.com/css/css\\_font.asp](https://www.w3schools.com/css/css_font.asp)

### QUESTION 29

Which CSS property is used to draw a line over text, through text, or under text?

- A. font-family
- B. font-style
- C. text-overflow
- D. text-decoration

### Answer: D

Explanation/Reference:

References: [https://www.w3schools.com/cssref/pr\\_text\\_text-decoration.asp](https://www.w3schools.com/cssref/pr_text_text-decoration.asp)

## QUESTION 30

### HOTSPOT

You are designing a webpage for your company. The page must be responsive so that it can be viewed on both mobile and desktop browsers.

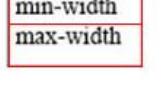
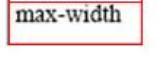
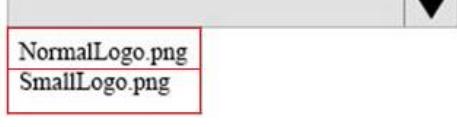
On mobile browsers, or those with a screen width of less than 768 pixels you want to display a welcome background image named SmalLogo.png. On all other browsers, you want to display a welcome background image named NormalLogo.png.

How should you complete the code? To answer, select the appropriate code segment in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

## Answer Area

```
.welcome {  
    background-image : url (  );  
}  
  
@media only screen and (  : 768px ) {  
    .welcome {  
        min-width:  ;  
        max-width:  ;  
    }  
    Background-image: url (  );  
}
```

## Answer:

## Answer Area

```
.welcome {  
    background-image : url ( [ ] );  
    [ ]  
    [ ]  
}  
@media only screen and ( [ ] : 768px ) {  
    .welcome {  
        [ ]  
        [ ]  
    }  
}  
Background-image: url ( [ ] );  
[ ]  
[ ]
```

Explanation/Reference:

References: [https://www.w3schools.com/cssref/css3\\_pr\\_mediaquery.asp](https://www.w3schools.com/cssref/css3_pr_mediaquery.asp)

## QUESTION 31

### HOTSPOT

A webpage contains the following HTML:

```
01 <div style = "position:relative;display:inline;">Welcome!</div>  
02 <div style = "position:relative;display:inline;">  
03     How is the Internet different from the Web?  
04         <img src = "icon.jpg" alt= "TCP/IP icon" style= "float:  
left; height: 200px;" < /img>  
05         <p> The Internet is a network of networks, defined by the  
TCP/IP standards. </p>  
06         <p> The Web is an information space. </p>  
07 </div>
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

## Answer Area

**Yes** **No**

Line 03 will display next to Line 01.

The image will display beneath the text on Line 03.

Lines 05 and 06 display beneath the image.

**Answer:**

## Answer Area

**Yes** **No**

Line 03 will display next to Line 01.

The image will display beneath the text on Line 03.

Lines 05 and 06 display beneath the image.

Explanation/Reference:

References: [https://www.w3schools.com/css/css\\_positioning.asp](https://www.w3schools.com/css/css_positioning.asp)

## QUESTION 32

This question requires that you evaluate the underlined text to determine if it is correct.

You are reviewing a stylesheet created by a member of your team. The stylesheet includes a style that is defined as follows:

```
.product {  
color: #000000;  
background-color: #00FF00;  
}
```

You apply the `productBox` style to a `<div>`.

The `<div>` will be displayed with white text on a green background.

Review the underlined text. If it makes the statement correct, select “No change is needed.” If the statement is incorrect, select the answer choice that makes the statement correct.

- A. No change is needed.
- B. white text on a red background.
- C. black text on a green background.
- D. black text on a blue background.

## Answer: C

Explanation/Reference:

References: [https://www.w3schools.com/colors/colors\\_shades.asp](https://www.w3schools.com/colors/colors_shades.asp)

## QUESTION 33

HOTSPOT

You are creating an About Us webpage for Northwind Traders. You want to complete the CSS rule set to display the paragraph as shown in the following example:



How should you complete the code? To answer, select the appropriate CSS properties in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

## Answer Area

```
<style>
```

```
p {
```

```
    color: #000ff;  
    font-variant: normal;  
    border-color: 1.5em;  
    background-color: transparent;
```

```
    position: relative;  
    line-height: 1.2em;  
    text-indent: 2em;  
    letter-spacing: 0.1em;
```

```
    font-size: 1.2em;  
    font-variant: small-caps;  
    font-weight: bold;
```

```
    font-style: italic;  
    font-family: serif;  
    font-variant: normal;  
    font-weight: normal;
```

```
}
```

```
<style/>
```

**Answer:**

## Answer Area

```
<style>
p {
```

```
    color : #000ff;
    font-variant;
    border-color : 1.5em;
    background-color
```

```
    position : 50px;
    line-height;
    text-indent;
    letter-spacing
```

```
    font-size : 1.5em ;
    font-variant;
    font-weight
```

```
    font-style : italic;
    font-family;
    font-variant;
    font-weight
```

```
}
```

```
<style/>
```

Explanation/Reference:

References: <https://www.w3schools.com/cssref/default.asp>

## QUESTION 34

## HOTSPOT

You are analyzing the following CSS for an element on a page:

```
background: #0000FF url("Watermark.png") repeat-x right;
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Hot Area:

## Answer Area

Yes

No

The background of the page will be red.

The page will display the watermark multiple times horizontally starting at the right.

## Answer:

## Answer Area

Yes

No

The background of the page will be red.

The page will display the watermark multiple times horizontally starting at the right.

Explanation/Reference:

References: [https://www.w3schools.com/cssref/pr\\_background-repeat.asp](https://www.w3schools.com/cssref/pr_background-repeat.asp)  
[https://www.w3schools.com/cssref/pr\\_pos\\_right.asp](https://www.w3schools.com/cssref/pr_pos_right.asp)

## QUESTION 35

This question requires that you evaluate the underlined text to determine if it is correct.

Static positioning places an element at specific coordinates relative to the page or the element's container.

Review the underlined text. If it makes the statement correct, select "No change is needed." If the statement is incorrect, select the answer choice that makes the statement correct.

- A. No change is needed
- B. Absolute positioning
- C. Relative positioning

D. Fixed positioning

### Answer: C

Explanation/Reference:

References: [https://www.w3schools.com/css/css\\_positioning.asp](https://www.w3schools.com/css/css_positioning.asp)

### QUESTION 36

DRAG DROP

You need to create a stylesheet that will cause all h1 header text to appear in blue, using the Arial font with a size of 20 pixels. The text should always be bold and center-aligned.

How should you complete the code? To answer, drag the appropriate CSS property to the correct locations. Each property may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Select and Place:

### CSS Properties

color:  
font-family:  
font-size:  
font-style:  
font-weight:  
text-align:  
text-decoration-color:  
vertical-align:

### Answer area

```
h1
{
    color: blue;
    font-family: arial;
    font-size: 20px;
    font-weight: bold;
    text-align: center;
}
```

### Answer:

## CSS Properties

font-style:
text-decoration-color:
vertical-align:

## Answer area

```
h1
{
    color: blue;
    font-family: arial;
    font-size: 20px;
    font-weight: bold;
    text-align: center;
}
```

Explanation/Reference:

References: <https://www.w3schools.com/cssref/default.asp>

## QUESTION 37

### HOTSPOT

You are designing a webpage for your company. You want to display an image named contoso.png on the page. If the user's Internet connection is slow, or if the user is visually impaired, you want the text Contoso Logo to be displayed or read aloud.

How should you complete the markup? To answer, select the appropriate markup segments in the answer area.

Hot Area:

## Answer Area

The diagram shows an `<img>` tag with three attributes: `src`, `alt`, and `title`. The `src` and `alt` attributes are highlighted with red boxes, while the `title` attribute is not.

## Answer:

## Answer Area

The diagram shows an `<img>` tag with three attributes: `src`, `alt`, and `title`. The `src` and `alt` attributes are highlighted with red boxes, while the `title` attribute is not.

Explanation/Reference:

References: <https://www.w3schools.com/tags/default.asp>

## QUESTION 38

### DRAG DROP

You are designing a website that displays graphics.

You need to determine whether to use `img`, `svg`, or `canvas` elements.

When should you use each element? To answer, drag the appropriate element from the column on the left to its use on the right.

Each element may be used once, more than once, or not at all.

Select and Place:

### Elements

- `canvas`
- `img`
- `svg`

### Answer area

To display a bitmap that is located on a remote server.

To draw a pixel-based image by using JavaScript.

To draw a vector-based image by using XML.

## Answer:

### Elements

- 
- 
- 

### Answer area

To display a bitmap that is located on a remote server.

To draw a pixel-based image by using JavaScript.

To draw a vector-based image by using XML.

Explanation/Reference:

References: <https://www.w3schools.com/tags/default.asp>

## QUESTION 39

## DRAG DROP

You are creating a web page that displays a How-To video. When accessing the video, the user must be able to play, pause, and seek. The file name of the video is `HowTo.mp4`, and exists in the same folder as the webpage.

If the user's browser does not support HTML5, the page must display this message: Your browser does not support playing this video.

How should you construct the markup? To answer, drag the appropriate markup segments to the correct locations. Each markup segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Select and Place:

### Markup Segments

source  
source controls  
<source src= "HowTo.mp4" type= "video/mp4" >  
video  
video controls  
< video src= "HowTo.mp4" type= "video/mp4" >  
Your browser does not support playing this video

### Answer Area

< 0 >  
0  
0  
</ 0 >

### Answer:

### Markup Segments

source  
source controls  
  
  
  
  
< video src= "HowTo.mp4" type= "video/mp4" >

### Answer Area

< video controls >  
<source src= "HowTo.mp4" type= "video/mp4" >  
Your browser does not support playing this video  
</ video >

### Explanation/Reference:

References: [https://www.w3schools.com/tags/tag\\_video.asp](https://www.w3schools.com/tags/tag_video.asp)

## QUESTION 40

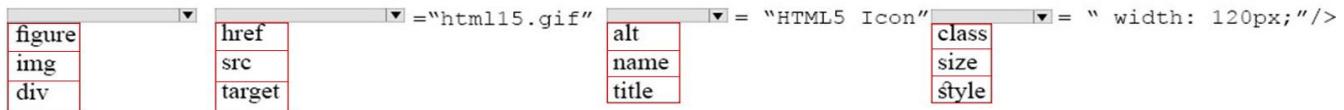
### HOTSPOT

You need to display an image of an HTML5 logo in one of your webpages. If the page renders slowly, the text "HTML Icon" should display as the image loads.

How should you complete the markup? The answer, select the appropriate markup segments in the answer area.

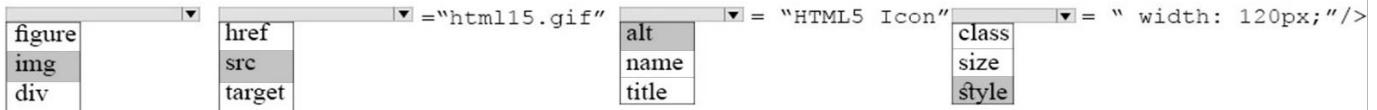
Hot Area:

Answer Area



**Answer:**

Answer Area



Explanation/Reference:

References: [https://www.w3schools.com/tags/att\\_img\\_width.asp](https://www.w3schools.com/tags/att_img_width.asp)