

■ PRE-ASSESSMENT: WEB DEVELOPMENT FOUNDATIONS (PNVO)

Attempt #1

Status: Passed

-  1. Use the given text to answer the following question:

The weather is hot.

Which code snippets can be used to increase the weight of the text's font to indicate that it is important?

Choose 2 answers.

	YOUR ANSWER	CORRECT ANSWER
<p>The weather is hot.</p>		
<p>The weather is hot.</p>		
<p><i>The weather is hot.</i></p>		
<p><mark>The weather is hot.</mark></p>		
<p>The weather is hot.</p>		

-  2. Use the given text to answer the following question:

I love you.

Which code snippet can be used to style the word "love" in bold?

	YOUR ANSWER	CORRECT ANSWER
<p>I love you.</p>		
<p>I love you.</p>		
<p>I <mark>love</mark> you.</p>		
<p>I love you.</p>		

-  3. Use the given text to answer the following question:

The mother told her child, "Get ready for school."

Which code snippet should be used to create this content?

YOUR
ANSWER

CORRECT
ANSWER

<p>The mother told her child, <q>Get ready for school.</q></p>



<p>The mother told her child, Get ready for school.</p>

<p>The mother told her child, <mark>Get ready for school.</mark></p>

<p>The mother told her child, <cite>Get ready for school.</cite></p>

4. Use the given text to answer the following question:

The Empire State Building

20 W 34th St

New York, NY 10001

Which code snippet should be used to create this content?

YOUR
ANSWER

CORRECT
ANSWER

<p>The Empire State Building
 20 W 34th St
 New York, NY
10001</p>



<p>The Empire State Building 20 W 34th St New York, NY 10001</p>

<p>The Empire State Building 20 W 34th St New York, NY
10001</p>

<p>The Empire State Building<div> 20 W 34th St <div> New York, NY
10001</p>

5. Use the given text to answer the following question:

An article about html

It explains how headings work!

Which code snippet should be used to create this content?

YOUR
ANSWER

CORRECT
ANSWER

```
<html>
  <head>
    <title>An article about html</title>
  </head>
  <body>
    <p>It explains how headings work!</p>
  </body></html>
```

YOUR
ANSWER

CORRECT
ANSWER

```
<html>
  <h1>
    <title>An article about html</title>
  </h1>
  <body>
    <p>It explains how headings work!</p>
  </body>
</html>
```

```
<html>
  <head>
    <title>An article about html</title>
  </head>
  <body>
    <h1>An article about html</h1>
    <p>It explains how headings work!</p>
  </body>
</html>
```



```
<html>
  <h1>
    <title>An article about html</title>
  </h1>
  <body>
    <title>An article about html</title>
    <p>It explains how headings work!</p>
  </body>
</html>
```

YOUR
ANSWER

CORRECT
ANSWER

Easily read fonts

Textual description of images

Transcript of audio



Screen reading conversion



✓

7. Use the given code snippet to answer the following question:

```
<ol>
  <li>apple</li>
  <li>banana</li>
  <li>cherry</li>
```

```
<li>date</li>  
</ol>
```

How will this code be displayed in a browser?

YOUR
ANSWER

CORRECT
ANSWER

-
- 1. apple
 - 2. banana
 - 3. cherry
 - 4. date
-



- apple
 - banana
 - cherry
 - date
-

- apple
 - banana
 - cherry
 - date
-

- apple
 - banana
 - cherry
 - date
-



8. Use the given code snippet to answer the following question:

```
<form id="produce">  
  <p id="form-prompt>What is your favorite fruit?</p>  
  <input type="radio" id="apple" name="fruit" value="apple">  
  <label for="apple">Apple</label><br>  
  <input type="radio" id="banana" name="fruit" value="banana">  
  <label for="banana">Banana</label><br>  
  <input type="radio" id="cherry" name="fruit" value="cherry">  
  <label for="cherry">Cherry</label>  
  <p><input type="submit" value="Click Me"></p>  
</form>
```

How will this code be displayed in a browser?

YOUR
ANSWER

CORRECT
ANSWER

- Apple
- Banana
- Cherry

Click Me



- Apple
- Banana
- Cherry

Click Me

- Apple
- Banana
- Cherry

Submit

- Apple
- Banana
- Cherry

Submit

YOUR
ANSWER

CORRECT
ANSWER

```
<input type="radio" name="choose" value="1" id="choice1">
<label for="choice1">1</label>
<input type="radio" name="choose" value="2" id="choice2">
<label for="choice2">2</label>
<input type="radio" name="choose" value="3" id="choice3">
<label for="choice3">3</label>
```



9. Which set of form elements allows the selection of only one item from the group?

```
<input type="checkbox" name="choose" value="1" id="choice1">
<label for="choice1">1</label>
<input type="checkbox" name="choose" value="2" id="choice2">
<label for="choice2">2</label>
<input type="checkbox" name="choose" value="3" id="choice3">
<label for="choice3">3</label>
```

```
<select name="choose" multiple>
<option value="1" id="choice1">1</option>
<option value="2" id="choice2">2</option>
<option value="3" id="choice3">3</option></select>
```

```
<input type="number" name="choose" value="1" id="choice1">
<label for="choice1">1</label>
<input type="number" name="choose" value="2" id="choice2">
<label for="choice2">2</label>
<input type="number" name="choose" value="3" id="choice3">
<label for="choice3">3</label>
```

10. Use the given code to answer the following question:

```
<!DOCTYPE html>
<head>
<title>Title</title>
<style>
body {
    color: blue;
}
div {
    color: red;
}
p {
    color: orange;
}
</style>
</head>
<body>
<div>
    <p style="color: purple;">What is my color?</p>
</div>
</body>
```

How will the paragraph text be displayed in a browser?

What is my color?



11. Use the given HTML document to answer the following question:

```
<!DOCTYPE html>
<html>
<head>
<title>Title</title>
<style>
div{
    border: 2px solid red;
    padding: 10px;
    border-radius: 0px 0px 0px 50px;
}
</style>
</head>
<body>
<div>
    <p>The border-radius property defines the radius of the element's corners.</p>
</div>
</body>
</html>
```

How will this code be displayed in a browser?

The border-radius property defines the radius of the element's corners.

YOUR
ANSWER

CORRECT
ANSWER



The border-radius property defines the radius of the element's corners.

The border-radius property defines the radius of the element's corners.

The border-radius property defines the radius of the element's corners.

12. Use the given code snippet to answer the following question:

```
<p>Please <a href="subscribe.php" target="_blank">subscribe</a> to our <strong>fun<br><mark>Monthly Newsletter!</mark></strong></p>
```

How will this code be displayed in a browser?

YOUR
ANSWER

CORRECT
ANSWER

Please [subscribe](#) to our fun Monthly Newsletter!



Please [subscribe](#) to our fun Monthly Newsletter!

Please subscribe to our fun Monthly Newsletter!

Please *subscribe* to our fun Monthly Newsletter!

13. Which attribute is used by all form fields?

YOUR
ANSWER

CORRECT
ANSWER

value

href

name



src

14. Use the given code snippet to answer the following question:

```
<table>
<tr>
<th>text</th>
<th>text</th>
</tr>
<tr>
<td>text</td>
<td>text</td>
</tr>
</table>
```

What will this code display in a browser?

YOUR
ANSWER

CORRECT
ANSWER

A table with no heading, one column, two rows

A table with no heading, two columns, one row

A table with two bold column headings, two columns, two rows



A table with one bold column heading, two columns, one row



15. Where will a browser find a file named index.html in the URL path of/products/product_1.html?

YOUR
ANSWER

CORRECT
ANSWER

In a directory that begins one level higher than the current page

In a directory that begins at the same level as the current page

In the root directory



In the subdirectory



16. Which image file format supports transparency?

YOUR
ANSWER

CORRECT
ANSWER

JPEG

TIFF

BMP

PNG



17. Which tag is optional when creating an HTML table?

YOUR
ANSWER

CORRECT
ANSWER

<table>

<tr>

<td>

<caption>



18. What is true of container tags and empty tags?

YOUR
ANSWER

CORRECT
ANSWER

Container tags come in pairs and empty tags stand alone.



Container tags stand alone and empty tags come in pairs.

Container tags and empty tags come in pairs.

Container tags and empty tags stand alone.



19. Which two attributes should be used within an image tag?

Choose 2 answers.

YOUR
ANSWER

CORRECT
ANSWER

title

alt



align

src



float

20. Which HTML5 markup creates a table with three columns and two rows?

YOUR
ANSWER

CORRECT
ANSWER

```
<table>
  <caption>We Sell Fruit</caption>
  <tr>
    <th>Apples</th>
    <th>Oranges</th>
  </tr>
```

```
<tr>
<td>45</td>
<td>55</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</table>
```

```
<table>
<caption>We Sell Fruit</caption>
<tr>
<th>Apples</th>
<th>Oranges</th>
<th>Bananas</th>
<th>Pears</th>
</tr>
<tr>
<td>45</td>
<td>55</td>
<td>65</td>
<td>75</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</table>
```

```
<table>
<caption>We Sell Fruit</caption>
<tr>
<th>Apples</th>
<th>Oranges</th>
<th>Pears</th>
</tr>
<tr>
<td>45</td>
<td>55</td>
<td>65</td>
</tr>
</table>
```

```
<table>
<caption>We Sell Fruit</caption>
<tr>
<th>Apples</th>
```

YOUR
ANSWER

CORRECT
ANSWER

```
</tr>
<tr>
  <td>45</td>
</tr>
</table>
```

-  21. Which pair of characteristics is true of XML?

YOUR
ANSWER

CORRECT
ANSWER

Case sensitive and allows errors 

Case sensitive and disallows errors 

Case insensitive and allows errors

Case insensitive and disallows errors

-  22. Which pair of characteristics differentiate HTML from XML?

YOUR
ANSWER

CORRECT
ANSWER

HTML is static; XML is extensible.  

HTML is dynamic; XML is extensible.

HTML is static; XML has a limited number of tags.

HTML is dynamic; XML has a limited number of tags.

-  23. Which file type is used by businesses to interchange website data with many different types of applications?

YOUR
ANSWER

CORRECT
ANSWER

XML  

HTML

CSS

SQL

-  24. What is an example of a semantic element?

YOUR
ANSWER

CORRECT
ANSWER

<link>

		YOUR ANSWER	CORRECT ANSWER
	<head>		
	<nav>	✓	✓
	<style>		
 25.	A website developer needs to use a tag that does not apply a default format or style.		
	Which tag should the developer use?		
			
	<h1>	✓	
	<a>		
	<div>		✓
 26.	Which HTML tag should contain introductory content?		
	<header>	✓	✓
	<article>		
	<main>		
	<section>		
 27.	Which items are necessary for an HTML form to communicate with a server?		
	A web browser and server-side scripting	✓	✓
	Server-side scripting and an email client		
	A web browser and a database		
	Server-side scripting and a database		
 28.	What is a way the <a> tag can be used?		

YOUR
ANSWER

CORRECT
ANSWER

Adding paragraph formatting to a series of text blocks

Linking to a specific location on the same page



Marking text to change the formatting to bold

Adding line break formatting within a block of text

29. Which CSS implementation technique allows element style updates to multiple pages from a single location?

YOUR
ANSWER

CORRECT
ANSWER

External CSS



Internal CSS

Inline CSS

Embedded CSS

30. Which technique for implementing CSS in an HTML file is used for page-level style declarations?

YOUR
ANSWER

CORRECT
ANSWER

Internal CSS



External CSS

Style attribute

Link tag

31. Which tag is used to reference an external CSS sheet within an HTML document?

YOUR
ANSWER

CORRECT
ANSWER

<link>



<embed>

<style>

<input>

| | | | |
|---|---|-------------|----------------|
|  32. | Which style rule selects and formats every childless paragraph element? | YOUR ANSWER | CORRECT ANSWER |
|---|---|-------------|----------------|

```
p:empty {  
    width: 100px;  
    height: 20px;  
    background: #ff0000;  
}
```



```
p:enabled {  
    width: 100px;  
    height: 20px;  
    background: #ff0000;  
}
```

```
p:default {  
    width: 100px;  
    height: 20px;  
    background: #ff0000;  
}
```

```
p:disabled {  
    width: 100px;  
    height: 20px;  
    background: #ff0000;  
}
```

| | |
|---|--|
|  33. | Use the given code snippet to answer the following question: |
|---|--|

```
<style>  
#one.two {  
    color: yellow;  
}  
</style>
```

Which code should be used to display the text in yellow?

| | |
|-------------|----------------|
| YOUR ANSWER | CORRECT ANSWER |
|-------------|----------------|

```
<div id="one" class="two">This should be yellow</div>
```



```
<div id="one">  
    <div class="two">This should be yellow</div>  
</div>
```

```
<div class="one two">This should be yellow</div>
```

```
<div class="one">  
    <div class="two">This should be yellow</div>
```



YOUR
ANSWER

CORRECT
ANSWER

</div>

34. Which CSS selector styles the first character of a sentence differently?

YOUR
ANSWER

CORRECT
ANSWER

::first-line

:first-child

:first-of-type

::first-letter



35. Which CSS selector represents the first-child pseudo-class selector?

YOUR
ANSWER

CORRECT
ANSWER

.first-child

#first-child

:first-child



::first-child

36. Use the given code snippet to answer the following question:

```
<style>
.highlight {
  color: red;
  border: solid 1px red;
}
@media all and (min-width: 600px) {
  .highlight {
    color: blue;
  }
}
</style>
<p class="highlight">Pay attention!</p>
```

How will this code be displayed on a 1200px monitor?

YOUR
ANSWER

CORRECT
ANSWER

Pay attention!



YOUR
ANSWER

CORRECT
ANSWER

Pay attention!

Pay attention!

Pay attention!

37. What is a unit of absolute size?

YOUR
ANSWER

CORRECT
ANSWER

px



em

rem

vw

38. Which CSS selector is used to style general sibling elements?

YOUR
ANSWER

CORRECT
ANSWER

~



.

*

+

39. What should be used to optimize a website for viewing across different devices and improve a user's experience?

YOUR
ANSWER

CORRECT
ANSWER

Native apps

Standalone sites

Adaptive layouts

Responsive design



-  40. Use the given code snippet to answer the following question:

```
<style>
div {
    background: orange;
    border: 2px solid blue;
}
span {
    background: yellow;
    border: 1px solid black;
    padding: 2px;
    margin: 2px;
}
</style>
<div>There is much <span>excitement</span> on graduation day.</div>
```

What is the background color for the word "excitement"?

YOUR
ANSWER

CORRECT
ANSWER

Yellow

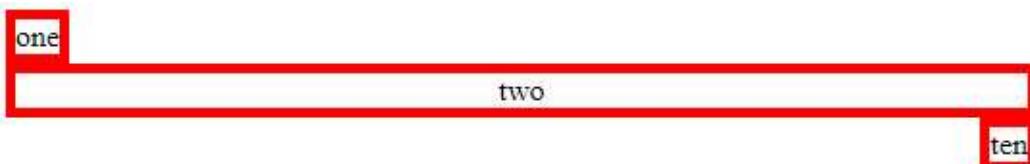


Black

Blue

Orange

-  41. A company needs the following content to display on its website:



A website developer has created the following code:

```
<html>
<head>
    <title> Page Title</title>
    <style>
        div {
            text-align: center;
            border: 5px solid red;
        }
    </style>
</head>
<body>
    <div id="one">one</div>
```

```
<div id="two">two</div>
<div id="ten">ten</div>
</body>
</html>
```

Which style rules should the developer include in their code so the content displays as shown?

YOUR
ANSWER

CORRECT
ANSWER

#one { float: left; } #two { clear: both; } #ten { float: right; }



#one { float: left; } #two { float: none; } #ten { float: right; }

#one { left: 100px; } #two { float: none; } #ten { right: 100px; }



#one { left: 100px; } #two { clear: none; } #ten { right: 100px; }

42. What are two unique characteristics that define a polygon hot spot?

Choose 2 answers.

YOUR
ANSWER

CORRECT
ANSWER

Includes a radius coordinate

Specifies a center point



Gives diameter measurement

Begins and ends at the same pair of coordinates



Contains many pairs of coordinates



43. A website developer uses the following code to build a table:

```
<table>
<tr>
  <th> First Name </th>
  <th> Last Name </th>
</tr>
<tr>
  <td> John </td>
  <td> Smith </td>
</tr>
</table>
```

Which editor should the developer use to create this content?

YOUR
ANSWER

CORRECT
ANSWER

WYSIWYG



Text



GUI

Page

44. Use the given code snippet to answer the following question:

```
p {  
    padding: 5px 10px 15px;  
    height: 20px;  
    width: 60px;  
    border: 5px solid #000000;  
}
```

What is the total width and total height of the paragraph element?

YOUR
ANSWER

CORRECT
ANSWER

width = 90px and height = 50px



width = 80px and height = 40px

width = 85px and height = 45px

width = 75px and height = 55px

45. Use the given code snippet to answer the following question:

```
div {  
    display: block;  
    overflow: hidden;  
    margin: 10px 15px;  
    padding: 5px 15px 15px 0px;  
    border: 20px solid blue;  
    height: 20px;  
    width: 60px;  
}
```

Which side of the box model, including padding, border, and margin values, is thickest?

YOUR
ANSWER

CORRECT
ANSWER

Right



YOUR
ANSWER

CORRECT
ANSWER

Top

Bottom

Left



46. Which code snippet represents valid HTML syntax?

YOUR
ANSWER

CORRECT
ANSWER

<p class="parent"></p>



```
p::before {  
    content: "child";  
}
```

<note><from>Boss</from></note>

alert("hello world");

47. Which feature helps the user find content throughout a website?

YOUR
ANSWER

CORRECT
ANSWER

Site map



Image map

Glossary

Breadcrumbs

48. Use the given HTML document to answer the following question:

```
<!DOCTYPE html>  
<html>  
<head>  
<title>Page Title</title>  
<style>  
p:first-child {  
    color: orange;  
}  
p:last-child {  
    color: blue;  
}  
p:nth-last-child(2){
```

```

        color: green;
    }
</style>
</head>
<body>
<p>This is sentence one.</p>
<p>This is sentence two.</p>
<p>This is sentence three.</p>
<p>This is sentence four.</p>
</body>
</html>

```

What is the text color for the statement, "This is sentence two"?

YOUR
ANSWER

CORRECT
ANSWER

Black



Blue



Green

Orange

49. Use the given code snippet to answer the following question:

```
<a href="https://www.sample.com">Sample.com</a>
```

Which pseudo-class changes the background color of the link on mouse-over?

YOUR
ANSWER

CORRECT
ANSWER

```
a:hover {
    background-color: yellow;
}
```



```
a:focus {
    background-color: yellow;
}
```

```
a:active {
    background-color: yellow;
}
```

```
a:link {
    background-color: yellow;
}
```

50. Which pseudo-class can be used to change the default color of a link after it has been clicked by the user?

YOUR
ANSWER

CORRECT
ANSWER

a:visited



a:active

a:unvisited

a:hover

51. Use the given code to answer the following question:

```
<html>
<head>
<style>
  html{
    font-size:16px;
  }
</style>
</head>
<body>
  <p>By default all text has a font size of 16px.</p>
  <div>This sentence is double the size.</div>
</body>
</html>
```

Which unit of measurement sets the text size of the `<div>` element to be double that of the `<html>` element?

YOUR
ANSWER

CORRECT
ANSWER

ch

ex

rem



vmin

52. Which two units make the size of an element responsive to screen size?

Choose 2 answers.

YOUR
ANSWER

CORRECT
ANSWER

em

ex

YOUR
ANSWER

CORRECT
ANSWER

ch

vw



vh



53. A website developer needs to create a website that looks suitable on mobile, tablet, and desktop devices.

Which type of web design should the developer use?

YOUR
ANSWER

CORRECT
ANSWER

Fixed design

Liquid design

Static design

Responsive design



54. Use the given code snippet to answer the following question:

```
.sizing{  
padding: 10px;  
color: white;  
}  
@media only screen and (max-width: 600px){  
.sizing{  
background: blue;  
}  
}  
@media only screen and (min-width: 600px){  
.sizing{  
background: red;  
}  
}  
@media only screen and (min-width: 990px){  
.sizing{  
background: green;  
}  
}  
</style>
```

Which color will the background be for the sizing class selector when the viewport is 1020px?

YOUR
ANSWER

CORRECT
ANSWER

White

Blue

Red

Green



55. Which CSS properties are used to specify the amount of space between grid columns and rows?

YOUR
ANSWER

CORRECT
ANSWER

column-gap and row-gap



grid-row-start and grid-row-end

grid-area and grid-template-area

grid-template-columns and grid-template-rows

56. Which set of CSS rules will create a fluid layout?

YOUR
ANSWER

CORRECT
ANSWER

```
body {  
    margin: auto;  
    border: solid 1px gray;  
}  
main {  
    padding-left: 35%;  
    border: solid 1px gray;  
}  
aside {  
    width: 30%;  
    float: left;  
    border: solid 1px gray;  
}
```



```
body {  
    width: 960px;  
    margin: auto;  
    border: solid 1px gray;  
}  
main {  
    width: 670px;  
    padding-left: 290px;  
    border: solid 1px gray;
```

```
}
```

```
aside{
```

```
width: 285px;
```

```
float: left;
```

```
border: solid 1px gray;
```

```
}
```

```
body {
```

```
width: 100%;
```

```
margin: auto;
```

```
border: solid 1px gray;
```

```
}
```

```
main {
```

```
width: 670px;
```

```
padding-left: 290px;
```

```
border: solid 1px gray;
```

```
}
```

```
aside {
```

```
width: 285px;
```

```
float: left;
```

```
border: solid 1px gray;
```

```
}
```

```
body {
```

```
width: 100%;
```

```
margin: auto;
```

```
border: solid 1px gray;
```

```
}
```

```
main {
```

```
width: 70%;
```

```
padding-left: 290px;
```

```
border: solid 1px gray;
```

```
}
```

```
aside {
```

```
width: 285px;
```

```
float: left;
```

```
border: solid 1px gray;
```

```
}
```



```
body {
```

```
width: 960px;
```

```
margin: auto;
```

```
border: solid 1px gray;
```

```
}
```

```
main {
```

```
padding-left: 35%;
```

```
border: solid 1px gray;
```

```
}
```

```
aside {
```

YOUR
ANSWER

CORRECT
ANSWER

```
width: 30%;  
float: left;  
border: solid 1px gray;  
}
```

-  57. Use the given code snippet to answer the following question:

```
<div id="wrapper">  
  <div id="box1" class="box">Box 1</div>  
  <div id="box2" class="box">Box 2</div>  
  <div id="box3" class="box">Box 3</div>  
  <div id="box4" class="box">Box 4</div>  
  <div id="box5" class="box">Box 5</div>  
  <div id="box6" class="box">Box 6</div>  
</div>
```

Which CSS rule should be used to create three columns of equal width?

YOUR
ANSWER

CORRECT
ANSWER

```
#wrapper {  
  display: grid;  
  grid-template-columns: 1fr 1fr 1fr;  
}
```



```
.box {  
  display: grid;  
  grid-template-columns: 1fr 1fr 1fr;  
}
```

```
#wrapper {  
  display: grid;  
  grid-template-columns: 1fr 2fr 3fr;  
}
```



```
.box {  
  display: grid;  
  grid-template-columns: 1fr 2fr 3fr;  
}
```

-  58. What is the global setting in Bootstrap that affects the overall text appearance on a website?

YOUR
ANSWER

CORRECT
ANSWER

Typography



Pagination

YOUR
ANSWER

CORRECT
ANSWER

Breadcrumbs

Composer

59. Which Bootstrap installation option avoids bundling Bootstrap with the source code of a website?

YOUR
ANSWER

CORRECT
ANSWER

NPM

CDN



RubyGems

NuGet

60. Which type of Bootstrap library includes several symbols that can be used within a web page?

YOUR
ANSWER

CORRECT
ANSWER

JavaScript

Typography

Icons



Components

61. Use the given code to answer the following question:

```
<head>
  <title>Page Title</title>
  <style>
    .box {
      width: 5rem;
      height: 5rem;
      background-color: red;
      animation-name: bgChange;
      animation-duration: 4s;
      animation-delay: 2s;
      animation-timing: ease;
    }
    @keyframes bgChange {
      from{
        background-color: blue;
      }
      to {
```

```
background-color: purple;  
}  
}  
</style>  
</head>  
<body>  
<div class="box"></div>  
</body>
```

How will the animation be rendered using this code?

YOUR
ANSWER

CORRECT
ANSWER

The animation will run at the same speed throughout.

The animation will start red, change to blue then purple, then revert back to red.



The animation will start blue, change to purple then red, then revert back to blue.

The animation will play immediately from the start.



62. Use the given HTML document to answer the following question:

```
<!DOCTYPE html>  
<html>  
<head>  
<meta name="viewport" content="width=device-width, initial-scale=1">  
<title>Page Title</title>  
<style>  
.btn {  
background-color: red;  
border: none;  
color: white;  
padding: 16px 32px;  
text-align: center;  
font-size: 16px;  
margin: 4px 2px;  
opacity: 0.6;  
transition: 0.3s;  
}  
.btn:hover {  
opacity: 1;  
transform: rotate (45deg);  
scale (2,1);  
border-radius: 50%;  
}  
</style>  
</head>  
<body>
```

```
<h2>Rotate and Fade</h2>
<button class="btn">Hover Over Me</button>
</body>
</html>
```

Which transformation will the div exhibit on a mouse over?

YOUR
ANSWER

CORRECT
ANSWER

Rotate 45 degrees clockwise and change shape



Rotate 45 degrees clockwise but remain the same shape



Rotate 45 degrees counterclockwise and change shape

Rotate 45 degrees counterclockwise but remain the same shape

 63. Which code snippet results in an animation that starts fast and ends slow?

YOUR
ANSWER

CORRECT
ANSWER

```
div{
  animation: mymove 5s infinite;
  animation-timing-function: ease-out;
}
@keyframes mymove {
  from {
    left: 0px;
  }
  to {
    left: 300px;
  }
}
<div>>Slow End</div>
```



```
div{
  animation: mymove 5s infinite;
  animation-timing-function: ease-in-out;
}
@keyframes mymove {
  from {
    left: 0px;
  }
  to {
    left: 300px;
  }
}
<div>>Slow End</div>
```

```
div{
  animation: mymove 5s infinite;
```

YOUR
ANSWER

CORRECT
ANSWER

```
animation-timing-function: ease-in;  
}  
@keyframes mymove {  
from {  
left: 0px;  
}  
to {  
left: 300px;  
}  
}  
<div>>Slow End</div>
```

```
div {  
animation: mymove 5s infinite;  
animation-timing-function: ease;  
}  
@keyframes mymove {  
from {  
left: 0px;  
}  
to {  
left: 300px;  
}  
}  
<div>>Slow End</div>
```



YOUR
ANSWER

CORRECT
ANSWER

64. Which Firefox Developer Tools tab is used to view and edit cookies on a site?

Console

Storage



Network

Performance

65. Which Firefox Developer Tools tab displays how long a request took for each site resource type?

Network

YOUR
ANSWER

CORRECT
ANSWER



Storage

Memory

YOUR
ANSWER

CORRECT
ANSWER

Console

-  66. What can be used to instantly apply changes to applied styles?

YOUR
ANSWER

CORRECT
ANSWER

Browser developer tools



W3C Markup Validation Service

Browser view source

W3C CSS Validation Service



-  67. Which tool can be used to determine if a component has been rendered with the incorrect size and margin?

YOUR
ANSWER

CORRECT
ANSWER

Inspect the Element to check the rendered box model



Check the Console for any rendering errors

Attach a debugger to step into loading steps

Check HTML code via Application Storage

-  68. A website developer identifies an issue with a CSS property value taking precedence over an element.

Which Firefox Developer Tools tab should the developer access to review CSS declaration precedence?

YOUR
ANSWER

CORRECT
ANSWER

Inspector



Network

Console



Storage

-  69. Which Chrome DevTools tab is accessed to view logged JavaScript messages and run JavaScript?

YOUR
ANSWER

CORRECT
ANSWER

Console



YOUR
ANSWER

CORRECT
ANSWER

Elements

Sources



Network

70. Use the given HTML document to answer the following question:

```
<!DOCTYPE html>
<html>
<body>
<h1><header>This is the introduction statement</h1>
</header>
<p>This is the story I am telling</p>
</body>
</html>
```

Which error is present in this code?

YOUR
ANSWER

CORRECT
ANSWER

The <!DOCTYPE html> tag should be within the <html> tag.

The <!DOCTYPE html> should have the exclamation point removed.

The <header> tag should be to the left of the <h1> tag.



The <h1> tag should be a self-closing tag.

