

**Name: Lara L.Alcuetas
BSCS-1A**

LEARNING HTML

Test code

The screenshot shows a mobile browser displaying the W3Schools TryIt Editor. The top status bar indicates the time as 1:49 and battery level at 74%. The main header reads "W3Schools TryIt Editor" with the URL "w3schools.com". A promotional banner for "Full Access" is visible, along with a "Run" button. The code editor contains the following HTML:

```
<!DOCTYPE html>
<html>
<head>
<title>Page Title</title>
</head>
<body>

<h1>This is a Heading</h1>
<p>This is a paragraph.</p>

</body>
</html>
```

The preview area below shows the rendered output:

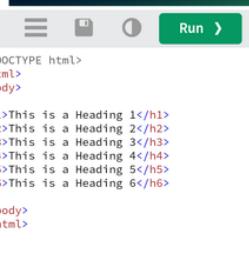
This is a Heading

This is a paragraph.

This is a Heading

This is a paragraph.

HTML Headings

```
2:51 🔍 ⌂ ⓘ 33%  
X W3Schools TryIt Editor  
w3schools.com  
BLACK Week SALE SHOP NOW   
  


# This is a Heading 1



## This is a Heading 2



### This is a Heading 3



#### This is a Heading 4



##### This is a Heading 5



###### This is a Heading 6


```

This is a Heading 1

This is a Heading 2

This is a Heading 3

This is a Headline

This is a Head

This is a Heading 6

Assignment in ITC

December 1, 2024

HTML Paragraphs

This is paragraph

This is another paragraph.

HTML Link

```
<!DOCTYPE html>
<html>
<body>

<h2>HTML Links</h2>
<p>HTML are defined with a tag:</p>
<a href="https://www.w3schools.com">This is a link</a>

</body>
</html>
```

HTML Links

HTML are defined with a tag:

This is a link

HTML Image

```
<!DOCTYPE html>
<html>
<body>

<h2>HTML Images</h2>
<p>HTML Images are defined with a img tag:</p>



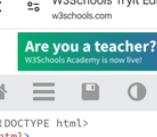
</body>
</html>
```

HTML images

HTML images are defined with a `img` tag



Nested HTML elements



The screenshot shows the W3Schools Tryit Editor interface. At the top, there's a navigation bar with icons for back, forward, search, and refresh, along with a battery level of 73%. The main title is "W3Schools Tryit Editor" with the URL "w3schools.com". A prominent banner at the top says "Are you a teacher? W3Schools Academy is now live!" with a "Read more!" button and a "schools" logo. Below the banner is a green "Run" button. The code editor area contains the following HTML code:

```
<!DOCTYPE html>
<html>
<body>

<h1>My First Heading</h1>
<p>My First paragraph.</p>

</body>
</html>
```

My First Heading

Example: image does not exist

9:26 15% W3Schools Tryit Editor w3schools.com Enjoy Full Access, including 70+ certifications and all resources Read more! Run >

```
<!DOCTYPE html>
<html>
<body>



<p>If we try to display an image that does not exist, the value of the alt attribute will be displayed instead.</p>

</body>
</html>
```

Girl with a jacket
If we try to display an image that does not exist, the value of the alt attribute will be displayed instead.

The style attribute

9:33 20% W3Schools Tryit Editor w3schools.com Are you a teacher? W3Schools Academy is now live! Run >

```
<!DOCTYPE html>
<html>
<body>

<h2>The style of attribute</h2>
<p>The style of attribute is used to add styles to an element, such as color:</p>

<p style="color:red;"> This is a red paragraph.</p>

</body>
</html>
```

The style of attribute
The style of attribute is used to add styles to an element, such as color:
This is a red paragraph.

The title attribute

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```
<!DOCTYPE html>
<html>
<body>

<h2 title="I'm a header"> The title attribute</h2>

<p title="I'm a tooltip"> Mouse over this paragraph, to display the title attribute as a tooltip.</p>

</body>
</html>
```

The title attribute
Mouse over this paragraph, to display the title attribute as a tooltip.

Example: title does not display because it contains space

10:45 84% W3Schools Tryit Editor w3schools.com BLACK Week SALE Read more! Run >

```
<!DOCTYPE HTML>
<html>
<body>

<h1>About W3Schools</h1>
<p title="About W3school"> You cannot omit quotes around an attribute value if the value contains spaces. </p>

<p><b>If you move the mouse over the paragraph above, your browser will only display the first word from the title.</b></p>

</body>
</html>
```

About W3Schools
You cannot omit quotes around an attribute value if the value contains spaces.
If you move the mouse over the paragraph above, your browser will only display the first word from the title.

Single or Double Quotes?

10:51 88% W3Schools Tryit Editor w3schools.com Are you a teacher? W3Schools Academy is now live! Run >

```
<!DOCTYPE HTML>
<html>
<body>

<h2>Sing or Double Quoutes?</h2>
<p>In some situations, when the attribute value itself contains double quote, it is necessary to use single quotes:</p>
<p>Move your mouse over the paragraph below to see the effects:</p>

<p title="John "Shotgun" Nelson"> John with double quotes</p>
<p title="John 'Shotgun' Nelson"> John with single quotes</p>

</body>
</html>
```

Sing or Double Quoutes?
In some situations, when the attribute value itself contains double quote, it is necessary to use single quotes:
Move your mouse over the paragraph below to see the effects:
John with double quotes
John with single quotes

HTML Display

11:33 95% W3Schools Tryit Editor w3schools.com Enjoy Full Access, including 70+ certifications and all resources Read more! Run >

```
<!DOCTYPE HTML>
<html>
<body>

<p>This paragraph contains a lot of lines in the source code, but the browser ignores it. </p>

<p>This paragraph contains a lot of spaces in the source code, but the browser ignores it. </p>

<p>The number of lines in a paragraph depends on the size of the browser window. If you resize the browser window, the number of lines in this paragraph will change. </p>

</body>
</html>
```

This paragraph contains a lot of lines in the source code, but the browser ignores it.
This paragraph contains a lot of spaces in the source code, but the browser ignores it.
The number of lines in a paragraph depends on the size of the browser window. If you resize the browser window, the number of lines in this paragraph will change.

HTML Horizontal Rules

The screenshot shows the W3Schools Tryit Editor interface. The code editor contains the following HTML:

```
<!DOCTYPE html>
<html>
<body>
<h1>This is heading 1</h1>
<p>This is some text.</p>
<hr>

<h2>This is heading 2</h2>
<p>This is some other text.</p>
<hr>

<h2>This is heading 2</h2>
<p>This is some other text.</p>

</body>
</html>
```

The output window displays two separate sections of text, each preceded by its respective heading and a horizontal line.

HTML Line Break

The screenshot shows the W3Schools Tryit Editor interface. The code editor contains the following HTML:

```
<!DOCTYPE html>
<html>
<body>
<p>This is<br>a paragraph<br>with line breaks.</p>
</body>
</html>
```

The output window displays the text "This is" on one line, followed by "a paragraph" on the next line, and "with line breaks." on the third line.

The Poem Problem

The screenshot shows the W3Schools Tryit Editor interface. The code editor contains the following HTML:

```
<!DOCTYPE html>
<html>
<body>
<p>In HTML, spaces and new lines are ignored:</p>
<p>My Bonnie lies over the ocean.</p>
<p>My Bonnie lies over the sea.</p>
<p>My Bonnie lies over the ocean.</p>
<p>Oh, bring back my Bonnie to me.</p>
</body>
</html>
```

The output window displays the entire poem "My Bonnie lies over the ocean..." on a single continuous line, demonstrating that HTML ignores spaces and new lines.

Solution: The HTML

<pre> element

The screenshot shows the W3Schools Tryit Editor interface. The code editor contains the following HTML:

```
<!DOCTYPE html>
<html>
<body>
<p>The pre tag preserves both spaces and line breaks:</p>
<pre>
My Bonnie lies over the ocean.
My Bonnie lies over the sea.
My Bonnie lies over the ocean.
Oh, bring back my Bonnie to me.
</pre>
</body>
</html>
```

The output window displays the text "The pre tag preserves both spaces and line breaks:" followed by four lines of poetry, each starting with "My Bonnie lies over the".

HTML Styles

The screenshot shows the W3Schools Tryit Editor interface. The code editor contains the following HTML:

```
<!DOCTYPE html>
<html>
<body>
<p>I am normal</p>
<p style="color:red;">I am red</p>
<p style="color:blue;">I am blue</p>
<p style="font-size:50px;">I am big</p>
</body>
</html>
```

The output window displays four text blocks: "I am normal" in black, "I am red" in red, "I am blue" in blue, and "I am big" in a large black font.

Background Color example 1

The screenshot shows the W3Schools Tryit Editor interface. The code editor contains the following HTML:

```
<!DOCTYPE html>
<html>
<body style="background-color:powderblue;">
<h1>This is a heading</h1>
<p>This is a paragraph.</p>
</body>
</html>
```

The output window displays a light blue background with the heading "This is a heading" and the paragraph "This is a paragraph." in white text.

Background Color example 2

This screenshot shows the W3Schools Tryit Editor interface. The code editor contains the following HTML:

```
<!DOCTYPE html>
<html>
<body>

<h1 style="background-color:powderblue;">This is a heading</h1>
<p style="background-color:tomato;">This is a paragraph.</p>

</body>
</html>
```

The output window displays the rendered HTML with a teal background for the heading and a red background for the paragraph.

Text color

This screenshot shows the W3Schools Tryit Editor interface. The code editor contains the following HTML:

```
<!DOCTYPE html>
<html>
<body>

<h1 style="color:blue;">This is a heading</h1>
<p style="color:red;">This is a paragraph.</p>

</body>
</html>
```

The output window displays the rendered HTML with blue text for the heading and red text for the paragraph.

Font

This screenshot shows the W3Schools Tryit Editor interface. The code editor contains the following HTML:

```
<!DOCTYPE html>
<html>
<body>

<h1 style="font-family:verdana;">This is a heading</h1>
<p style="font-family:courier;">This is a paragraph.</p>

</body>
</html>
```

The output window displays the rendered HTML with a Verdana font for the heading and a Courier font for the paragraph.

Text size

This screenshot shows the W3Schools Tryit Editor interface. The code editor contains the following HTML:

```
<!DOCTYPE html>
<html>
<body>

<h1 style="font-size:300%;">This is a heading</h1>
<p style="font-size:160%;">This is a paragraph.</p>

</body>
</html>
```

The output window displays the rendered HTML with a large font size for the heading and a medium font size for the paragraph.

Text alignment

This screenshot shows the W3Schools Tryit Editor interface. The code editor contains the following HTML:

```
<!DOCTYPE html>
<html>
<body>

<h1 style="text-align:center;">Centered Heading</h1>
<p style="text-align:center;">Centered paragraph.</p>

</body>
</html>
```

The output window displays the rendered HTML with centered text for both the heading and the paragraph.