HTML Essentials

Assignments

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RECORD OF CHANGES

No	Effective Date	Change Description	Reason	Reviewer	Approver
1	25/Jun/2018	Create a new Lab	Create new	DieuNT1	VinhNV
2	01/May/2019	Update Fsoft Template	Update	DieuNT1	VinhNV

Contents

FRESHER ACADEMY	**CODE:**	**HTML-E.S.A501 (Images)**
	TYPE:	**Short**
	LOC:	**N/A**
	DURATION:	**60 MINUTES**

Unit 5 – Multimedia

Objectives:

- ✓ Understand the syntax of HTML Images and Figure
- ✓ Able to use correctly attributes of HTML Images and Figure Caption

Project Structure

- Create a new folder called **HTML-E.S.A501** (this will be your top folder)
- For Problem 1, save your finished code into **problem01.html** file inside top folder
- For Problem 2, save your finished code into **problem02.html** file inside top folder
- For Problem 3, save your finished code into **problem03.html** file inside top folder

Problem 1:

In this task we want you to embed a simple image of some Blueberries into the page. You need to:

- Add the path to the image to an appropriate attribute to embed it on the page. The image is called blueberries.jpg, and it is in a folder inside the current folder called images.

- Add some alternative text to an appropriate attribute to describe the image, for people that cannot see it.

- Give the <img> element an appropriate width and height so that it displays at the correct aspect ratio, and enough space is left on the page to display it. The image's intrinsic size is 615 x 419 pixels.

Try updating the code below to recreate the Expected Output:

```
1.  <!DOCTYPE html>
2.  <html lang="en">
3.    <head>
4.      <meta charset="utf-8"/>
5.      <title>HTML images: Task 1</title>
6.      <style>
7.        body {
8.          background-color: #fff;
9.          color: #333;
10.         font: 1em / 1.4 Helvetica Neue, Helvetica, Arial, sans-serif;
11.         padding: 1em;
12.         margin: 0;
13.       }
14.
15.       * {
16.         box-sizing: border-box;
17.       }
18.
19.       img {
20.         border: 1px solid black;
21.       }
22.     </style>
23.   </head>
24.
25.   <body>
26.     <h1>Basic image embed</h1>
27.     <img>
28.   </body>
```

```
29.
30. </html>
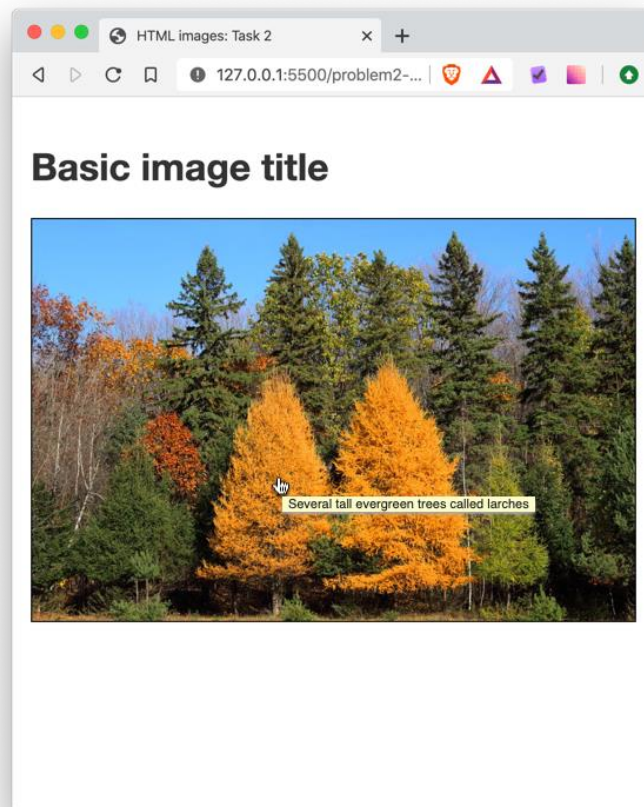```

Expected Output:



**Problem 2:**

In this task you already have a full-featured image, but we'd like you to add a tooltip that appears when the image is moused over. You should put some appropriate information into the tooltip.

Try updating the code below to recreate the expected output:

```
1.  <!DOCTYPE html>
2.  <html lang="en">
3.    <head>
4.      <meta charset="utf-8"/>
5.      <title>HTML images: Task 2</title>
6.      <style>
7.        body {
8.          background-color: #fff;
9.          color: #333;
10.         font: 1em / 1.4 Helvetica Neue, Helvetica, Arial, sans-serif;
11.         padding: 1em;
12.         margin: 0;
13.       }
14.
15.       * {
16.         box-sizing: border-box;
```

```
17.        }
18.
19.      img {
20.         border: 1px solid black;
21.         max-width: 100%;
22.      }
23.    </style>
24.  </head>
25.
26.  <body>
27.    <h1>Basic image title</h1>
28.
29.    <img src="larch.jpg"
30.         alt="Several tall evergreen trees called larches">
31.  </body>
32.
33. </html>
34.
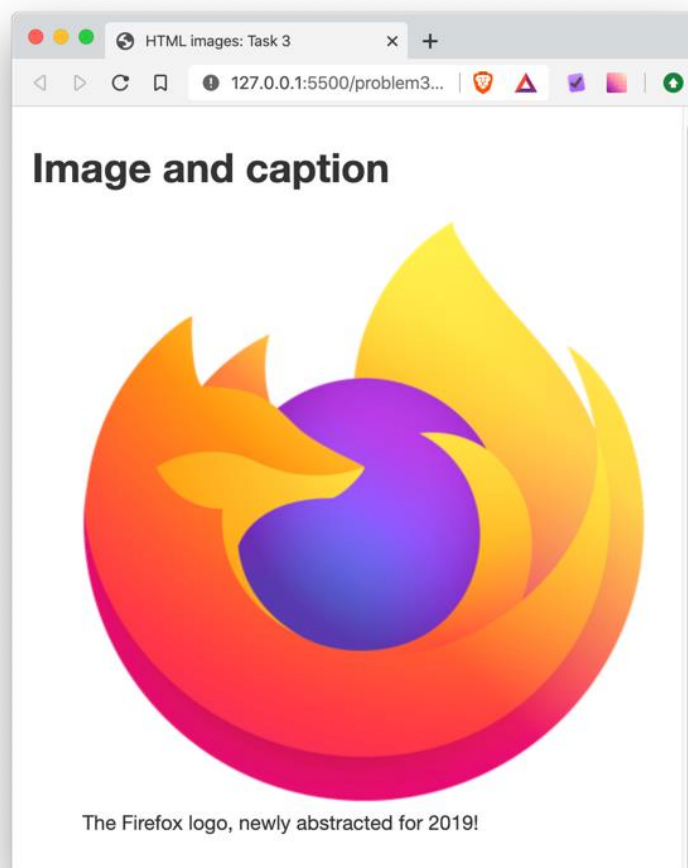```

Expected Output:



**Problem 3**

In this final task you are provided with both a full-featured image and some caption text. What you need to do here is add elements that will associate the image with the caption.

Try updating the code below to recreate expected output:

```
1.  <!DOCTYPE html>
2.  <html lang="en">
3.    <head>
4.      <meta charset="utf-8"/>
```

```
5.        <title>HTML images: Task 3</title>
6.        <style>
7.          body {
8.            background-color: #fff;
9.            color: #333;
10.           font: 1em / 1.4 Helvetica Neue, Helvetica, Arial, sans-serif;
11.           padding: 1em;
12.           margin: 0;
13.         }
14.
15.         * {
16.           box-sizing: border-box;
17.         }
18.      </style>
19.    </head>
20.
21.    <body>
22.      <h1>Image and caption</h1>
23.
24.      <img src="firefox.png"
25.           alt="An abstract flaming fox wrapping around a blue sphere"
26.           width="446" height="460">
27.      The Firefox logo, newly abstracted for 2019!
28.    </body>
29.
30. </html>
31.
```

Expected Output:

-- THE END --

-- THE END --