



Build a Website

Beginners Guide to HTML

Part Two of Four

Diving deeper into the sea of HTML

<div> tag and attributes with style

We continue from where we left in previous part. You may use **shared project** if you lost your own or never created it. It also contains valuable **images** that we will use.

- Modify your articles by nesting them inside a **<div>** tag, which is a section (“division”). Apply needed indentation.
- Inside our **<div>** tag add the **attribute style** with the **background color: Lavender**.
- **Delete <hr>** tag now, as we have sections now. You might try: **Azure** as the colour for second div
- You can see HTML colour names here: http://www.w3schools.com/html/html_colornames.asp



Here's how the one section code looks like.
Save your file to see updated content, you might also want to preview it
in the Google Chrome via
Komodo Edit Globe Icon

```
<div style="background-color: Lavender">  
  <h3>Apple</h3>  
  <p>Apple is oval shaped fruit, mostly of  
  red and green colour</p>  
</div>
```

Style attribute

- **style=""** is HTML tag **attribute**; there are many types of attributes, like **class**, **id**, **title** etc. **style=""** attribute renders the **inline CSS code** (**CSS** is a different language used for “**look and feel**” of our pages. We talk more about **CSS** later)
- **tip**: if you **ctrl + hover over** color name in Komodo Edit, you will see **preview of the colour!**

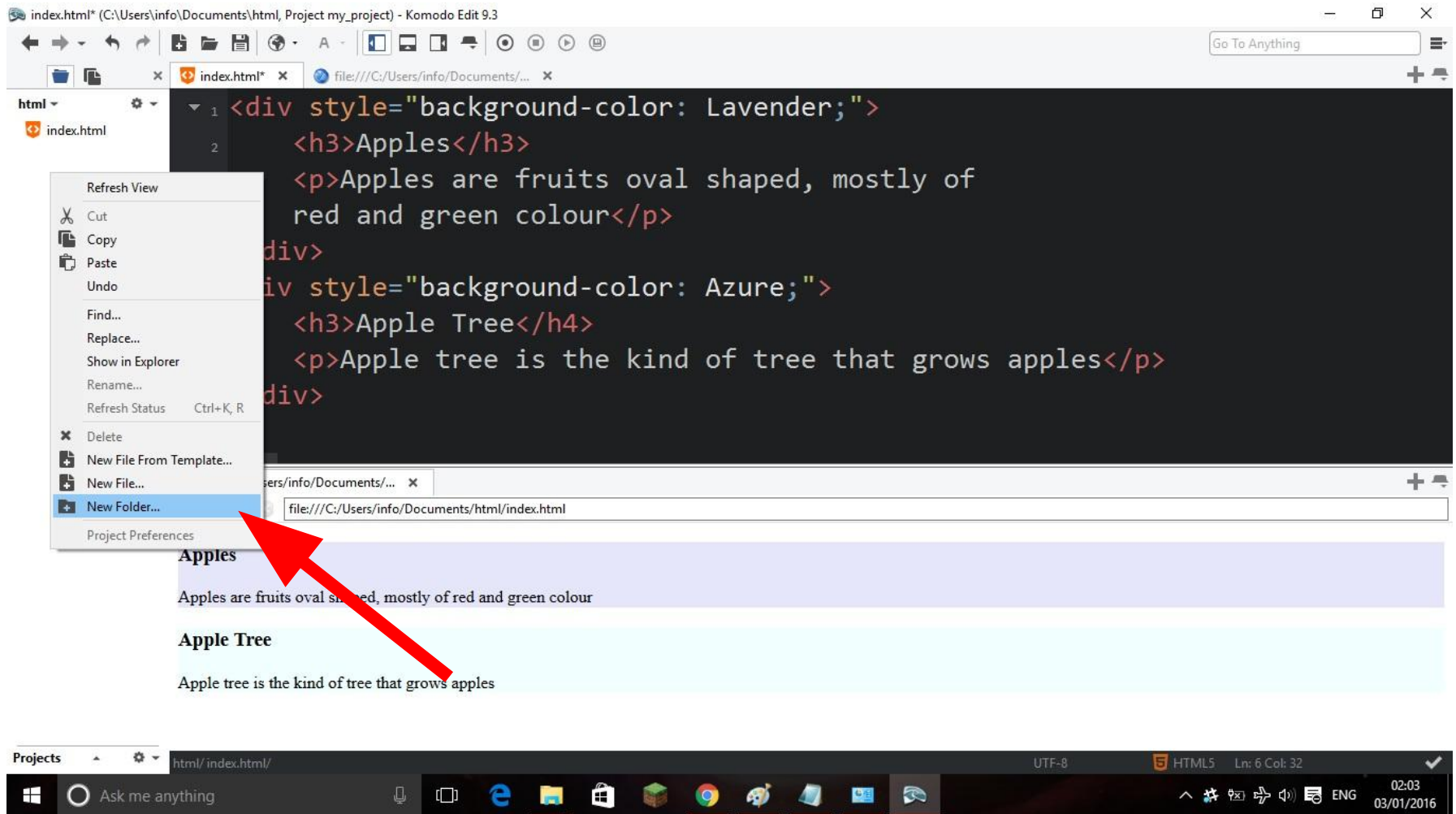


Let's add some images

if you open the shard project, you will find images folder with two images in it. If you are brave enough to extend your own project:

- Create a folder by right **clicking on left pane** and **click on New Folder...**
- Name the new folder: **images**
- put **apple.png** and **apple_tree.png** from shared folder into our new image folder

How the folder adding is done...



How to add an `` tag

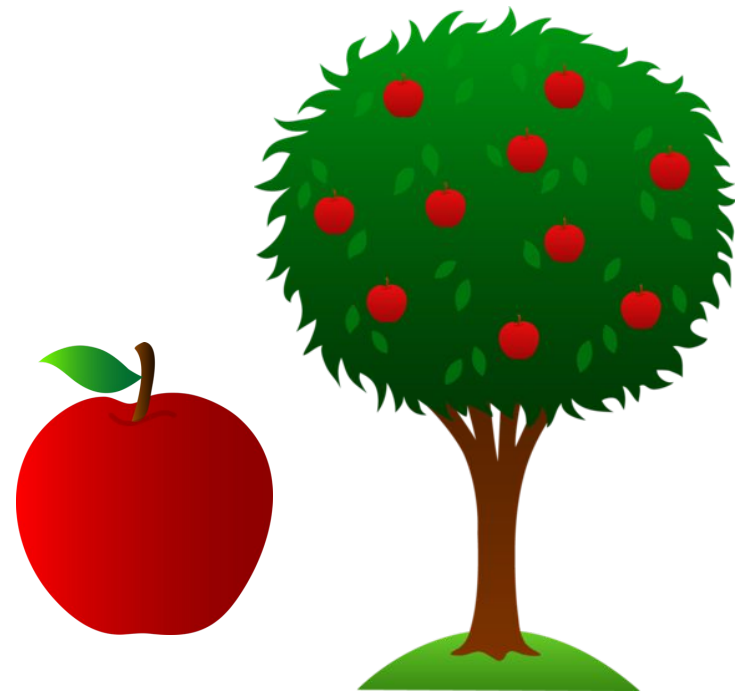
After a `<p>` tag add an `` **self-closing tag**.

This tag will insert a image, but it requires **src** (source) attribute.

Add **src="images/apple.png"** inside of img tag.

Similarly, add **apple_tree.png** for second article.

Hint: Your browser is looking for the picture **relative** to the **file in which the image is referenced**, so it reads images/apple.png as “go into images folder next to index.html file and fetch apple.png image.”



Updated code, now with

```
<div style="background-color: Lavender">
  <h3>Apple</h3>
  <p>Apple is oval shaped fruit, mostly of
red and green colour</p>
  
</div>
```

Let's test it

If we **save**, go to our **Google Chrome**, and **refresh**, yay, we have our apple and the tree, But they are so huge! Lets explain and fix.



Image size

- Right, the issue is that our apple real size is 483x550 pixels!
Let's force the size by adding
width and **height** attribute
- For **apple.png** add **width** of “100” and **height** of “120”, and
for **apple_tree** add **width** of “100” and **height** of “160”.
- **note**: best way to go is to have our pictures already at right scale, because it
will take less time to download
- width and height attributes would be
still useful, as they will “reserve” image space



Code example

```
<div style="background-color: Lavender">  
  <h3>Apple</h3>  
  <p>Apple is oval shaped fruits, mostly of  
  red and green colour</p>  
    
</div>
```

How about adding a video?

Of course, let's try to **EMBED** Youtube video!

Connect to the internet and open this link:

<https://www.youtube.com/watch?v=jwPc0kK9VHU>

hint: you can copy and paste from **link.txt** from the project shared folder.

Click on the **share link** below the video and copy the **HTML embed code**, and replace our apple image with it!



Youtube page share code (HTML embed code)

The screenshot shows a YouTube video player for the video 'Best Idea Ever!' by Arpan Jolly. The video is about Isaac Newton and an apple. The video has 2,285,481 views and 1,088 dislikes. The video is uploaded on 27 Apr 2010. The video description is: 'Funny Story. True Story. A story told like never before. "Best Idea Ever" is the actual anecdote of Sir Newton and the apple. Made as my final graduation film at Sheridan College's Computer Animation program.' The video is shared on the 'Share' tab, and the 'Embed' tab is selected. The embed code is shown in a text box, and three red arrows with numbered circles (1, 2, 3) point to the 'Share' button, the 'Embed' tab, and the embed code respectively.

1

2

3

Best Idea Ever!

Arpan Jolly

Subscribe 1,782

2,285,481

8,180 1,088

Share Embed

`<iframe width="560" height="315" src="https://www.youtube.com/embed/jwPc0kK9VHU" frameborder="0" allowfullscreen></iframe>`

Uploaded on 27 Apr 2010

Funny Story. True Story. A story told like never before. "Best Idea Ever" is the actual anecdote of Sir Newton and the apple. Made as my final graduation film at Sheridan College's Computer Animation program.

ALL COMMENTS (1,053)

Fruitless Efforts: Fruit of the Womb

Andrew Chesworth

4,713,016 views

A fool's story

Jishnu P Dev

1,513,486 views

Oxygen

nascentparadigm

1,632,547 views

Fugu

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Jungle Jail

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10,751,026 views

Adumu HD 720p

MyAllnew

2,011,752 views

Going Green

Thiago Aranha

5,869,425 views

Embed the video

```
<div style="background-color: Lavender">  
  <h3>Apple</h3>  
  <p>Apple is oval shaped fruits, mostly of  
  red and green colour</p>  
  <iframe width="560" height="315"  
  src="https://www.youtube.com/embed/jwPc0kK9VHU"  
  frameborder="0" allowfullscreen></iframe>  
</div>
```

That's all for now, folks!

What we learned in this lesson:

- How to use tag **attributes**
- **CSS styling** using style tag
- How to insert **images** `` tag, and also `<div>` tag
- We **embedded video** `<iframe>`

