



Build a Website

Beginners Guide to HTML

Part Three of Four

HTML - making it right, modern and connected

Making everything better

In previous lesson we learned how make containers for our articles with **<div>** tag so we can separate them and style its **background-color**; also we included **images** by using **** tag and how to make it taller / wider by using **width** and **height** tag **attributes**. We also embedded youtube video.

For a introduction, but also tasting something new, let's try an **animated image**. also, let's use **<article>** this time, and let's remove **style** attribute! Oh, btw, **<article>** is a **HTML5** tag!



Animated gifs are there for a long time, but recently they gained more popularity, as they are lightweight video format

lets try an **animated GIF!**

```
<article>
```

```
<h3>Isaac Newton</h3>
```

```
<p>was English
```

```
<strong>physicist</strong>,
who defined the law of universal gravitation.
```

```
</p>
```

```

```

```
</article>
```



That was all nice, but something is amiss...

In our first course, **we deleted our HTML template**, our HTML skeleton and started to play on our own.

HTML didn't complaint, as browsers are very **forgiving**, trying to get over all possible errors we could make.

Try always to write nice HTML!



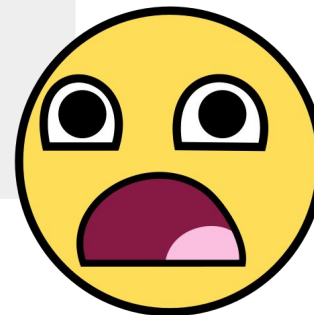
Let's demonstrate Browsers HTML rendering flexibility:

```
<h3>Apple Tree</h5>
```

```
<p>Apple tree is the kind of  
a tree that grows apples</p>
```

```
<p>Some more text.
```

We used `</h5>` to
close our `<h3>` tag
and still our code
appears to
render ok.

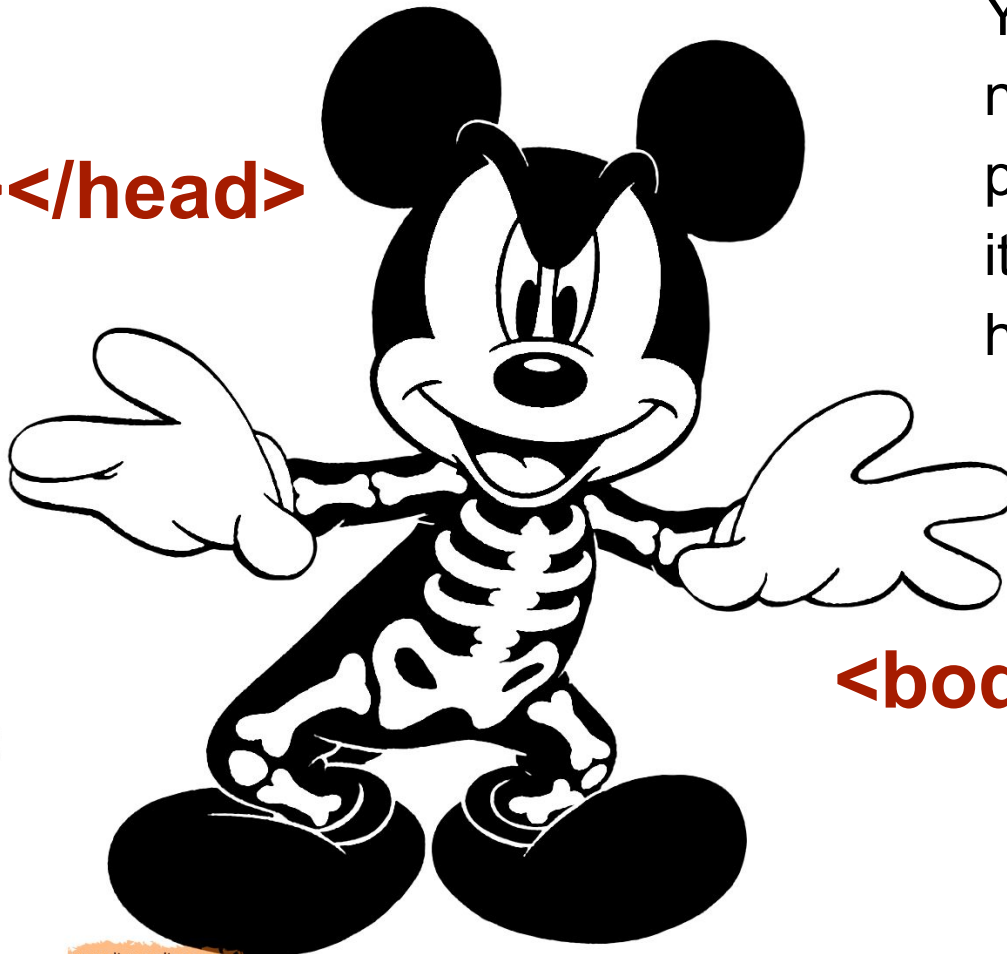


We can use google chrome debugger to **inspect** to see how
this erroneous code was transformed for us into valid html.

`</h5>` has been ignored, and `<h3>` and `<p>` tags auto-closed!

So how do we write a html skeleton?

<head></head>



www.disneyclips.com

Yes, valid **html** needs to have a proper skeleton, or it has trouble holding our tags.

<body></body>

Skeleton in more detail...

- From the shared project, open skeleton.html
- Paste skeleton code inside index.html
- Cut your article code and paste inside <body> tag

```

<!DOCTYPE html>
<html>
<head>
  <title>My apple page</title>
</head>

<body>

</body>
</html>

```

paste code here

```

<article>
  <h3>Isaac Newton</h3>
  <p>was an English
    <strong>physicist</strong>,
    who defined the law of universal
    gravitation.
  </p>
  
</article>

```


Multiple pages!

Now when we have proper HTML, let's create multiple web pages. **Tip: don't create index.html, as you have it already,**

index.html

For our Isaac Newton article.

apple.html

For our Apple article

apple_tree.html

For our Apple tree article



Create new files for apple pages, copy **skeleton.html** into it and copy each article inside **<body>** tag.

Also refactor all **<div>** to be **<article>**

But how to connect these pages?

We will use hyperlinks or simpler: links `<a>` tag, with **href attribute** (or “hypertext reference” - pointer where our page is). Add just below `<body>` in each html page:

```
<nav>
```

```
  <a href="index.html">Home page</a>
```

```
  <a href="apple.html">Apple</a>
```

```
  <a href="apple_tree.html">Apple tree</a>
```

```
</nav>
```

That's all for now, folks!

What we learned in this lesson:

- How insert an **animated GIF**
- how to write proper **HTML** file (**skeleton**)
- How to create **multiple pages**, and use **new** “semantic” **HTML5 tags**
- We **linked** our files with **navigation**

