

# Working with HTML

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Hyper Text Markup Language, the language of the Web

# What we're going to learn

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- How to view the HTML of any web page
- Using a text editor to create a simple web page
- HTML tags for
  - Formatting text
  - Inserting images
  - Linking to other pages

# Creating webpage with Notepad text editor



```
Untitled - Notepad
File Edit Format View
<html>
Goats

Why reeks the goat
on yonder hill
who feeds all day
on chlorophyll?
</html>
```

Save with file type **“.html”!**

File name:

Save as type:

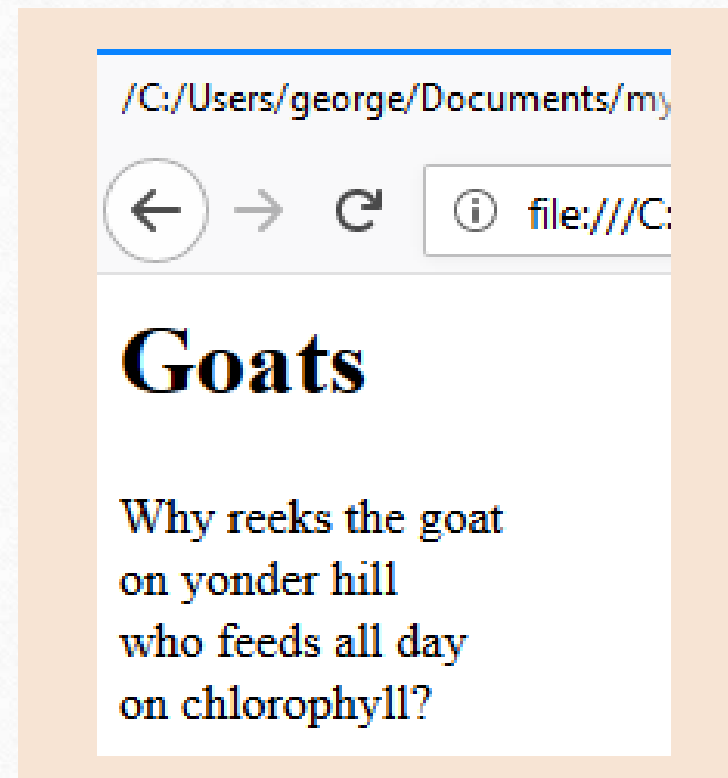
- Open our new webpage with a browser:
  - **Darn!** It’s all one long run-on sentence – not what we wanted
  - Need to add **formatting!**



# Add `<h1>` and `<br>` tags for formatting – better!

```
mywebpage.html - Notepad
File Edit Format View Help
<html>
<h1>
Goats
</h1>

Why reeks the goat
<br>
on yonder hill
<br>
who feeds all day
<br>
on chlorophyll?
</html>
```



# DIV, Style and Images ...

```
<html>
<DIV style="width:300px; background-color: lightblue; ">

<h1>
Goats
</h1>
<center>


<p>
```

## Goats



Why reeks the goat  
on yonder hill  
who feeds all day  
on chlorophyll?

# Lists ...

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Things about goats:

`<ol>`

`<li>`Horns (males)

`<li>`Milk (females)

`<li>`Stubbornness (I heard)

`</ol>`

Things about goats:

1. Horns (males)

2. Milk (females)

3. Stubbornness (I heard)

# Tables (peek at [w3schools.com](http://w3schools.com)) ...

```
<table border=1>
<!-- COLUMN HEADERS -->
<tr>
  <th>Gender <th>Horns? <th>Milk? <th>Stubborn?
</tr>
<!-- FIRST ROW -->
<tr>
  <td>Male <td>Yes <td>No <td>Yes
</tr>
<!-- SECOND ROW -->
<tr>
  <td>Female <td>No <td>Yes <td>Yes
</tr>
</table>
```

Gender	Horns?	Milk?	Stubborn?
Male	Yes	No	Yes
Female	No	Yes	Yes



# Links ...

```
<p>  
<a href=https://en.wikipedia.org/wiki/Goat>  
More Facts About Goats  
</a>  
<p> .
```

Female	No	Yes	Yes
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[More Facts About Goats](#)



# Tadaa!

```
<html>
<DIV style="width:300px; background-color: lightblue; ">

<h1>
Goats
</h1>
<center>


<p>

Why reeks the goat
<br>
on yonder hill
<br>
who feeds all day
<br>
on chlorophyll?
</center>

Things about goats:
<ol>
<li>Horns (males)
<li>Milk (females)
<li>Stubbornness (I heard)
</ol>

<table border=1>
<!-- COLUMN HEADERS -->
<tr>
<th>Gender <th>Horns? <th>Milk? <th>Stubborn?
</tr>
<!-- FIRST ROW -->
<tr>
<td>Male <td>Yes <td>No <td>Yes
</tr>
<!-- SECOND ROW -->
<tr>
<td>Female <td>No <td>Yes <td>Yes
</tr>
</table>
<p>
<a href=https://en.wikipedia.org/wiki/Goat>More Facts About Goats</a>
<p>
</DIV>
</html>
```

## Goats



Why reeks the goat  
on yonder hill  
who feeds all day  
on chlorophyll?

Things about goats:

1. Horns (males)
2. Milk (females)
3. Stubbornness (I heard)

Gender	Horns?	Milk?	Stubborn?
Male	Yes	No	Yes
Female	No	Yes	Yes

[More Facts About Goats](#)

Try it at

<https://www.gsalmasi.com/kvl/goat1/mywebpage.html>

# What we learned

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- How to view the HTML of any web page
  - PC or Mac: right click page, select “view page source”
  - Phone or tablet: download “View Source” app
- Using a text editor to create a simple web page
  - `<html>` and `</html>` start and end tags.
- HTML tags for
  - Formatting text
    - `<h1>` `<p>` `<br>` `<center>` `<div>`  
`<ul>` `<ol>` `<li>` `<table>` `<th>` `<tr>`  
`<td>` `<!-- invisible comments`
  - Inserting images
    - `<img src= >`
  - Linking to other pages
    - `<a href= >`

# Possible Future Topics ...

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- Adding Style with CSS
- Javascript once over lightly
- Advanced topics
  - Learning WordPress via Library's Lynda subscription
  - CSS Animation
  - Mobile-friendly design



# Resources

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- [Google](#)
- [w3schools.com](#)
- [gsalmasi.com](#)