



in html,
each box
is <div>

in html,
it's good
to define
rows, and
then split
the rows
into columns

- means the id
(check)

index.html file

First, in Windows Explorer → Folder Option → View : Hide extensions for known file type

Create a new text document, index.txt → rename to index.html

Notepad++

```

<html>
  <head>
    <title> My website </title>
  </head>
  <body>
    <div id="container">
      <div id="header">
      </div>
      <div id="content">
        <div id="nav">
        </div>
        <div id="main">
        </div>
        <div id="footer">
        </div>
      </div>
    </body>
  </html>

```

Inside header, put <h1> My website </h1>

Inside nav, put an ordered list

```

<h3> Navigation </h3>
<ul>
  <li> Home </li>
  <li> About </li>
  <li> Contact </li>
</ul>

```

Inside main, put three paragraphs

```

<h2> Home page </h2>
<p> Paragraph 1 </p>
<p> Paragraph 2 </p>
<p> Paragraph 3 </p>

```

Inside footer put Copyright © Copy; 2019 AM.

Make navigation links into links with <a> tag.

```
<a href="" > Home </a>
```

Now apply class to the first one, and make it selected

```
<a class="selected" href="" > Home </a>
```

To make the selected link bold, we can target the class .selected (# - for id, . - for class)

```

.selected {
  font-weight: bold;
}

```

* Since the link is underlined, we might want to get rid of it. We can target <a> tag:

```

a {
  text-decoration: none;
  color: red;
}

```

We don't like bullet points. Let's target the ordered list inside nav

```

#nav ul {
  list-style-type: none;
  padding: 0px; this removes the space on the left.
}

```

```

* h1 {
  margin: 0
}
or
h1, h2, h3 {
  margin: 0
}

```

* to set font, add to body: font-family: Helvetica, Arial, sans-serif; Backups, if Helvetica is not available

* to footer: padding: 10px; background-color: #333333; color: white; text-align: right

* to header: padding: 10px;

First, in html file, define a relationship. In `<head>`, put `<link rel="stylesheet" type="text/css" href="style.css" />` - self closing tag relative path

Second, define an element you want to target.

syntax of css: first define an element you want to target
- anything the curly brackets will be applied to anything on the webpage with an id header.

```
1) #header {
  background-color: blue // or hex code: #66CCFF;
  color: white;
}
```

2) we target the whole page with a body tag - without tag

```
body {
  background-color: #EEEEEE // or #EEE - shade of grey
}
```

```
3) #container {
  background-color: white;
}
```

4) add to header: text-align: center;

5) add to container: width: 800px; margin-left: auto; margin-right: auto; "-hyphen

6) to put navigation and home page side by side,

```
#content {
  padding-left: 10px;
  padding-right: 10px;
}
or padding: 10px 10px 10px 10px or padding: 10px
```

```
#nav {
  width: 180px;
}
```

```
#main {
  width: 600px;
}
```

7) div - always appear on a new line. To stop this, we set them to flow next to each other.

add to nav: float: left; a

add to main: float: right; (this doesn't matter, there is no space to move)

8) footer doesn't care that nav and main are floating. They overlap. To fix this, we target the footer div, we apply

```
#footer {
  clear: both; - clear from any floating elements before we display ourselves
}
```

* Not recommended: inline css: `<html> <head> <style> #header { background-color: blue; } </style>` or `<h3 style="color: white;"> Navigation </h3>`