

HTML5 – Parte 3

TREINAMENTO PROF. WELLINGTON TELLES CUNHA

Áudio

```
<audio controls="true" autoplay="true">  
  <source src="mus.oga" />  
  <source src="mus.mp3" />  
  <source src="mus.wma" />  
</audio>
```



Vídeo

```
<video controls="true"
  autoplay="true"
  width="400"
  height="300">
  <source src="u.ogv" />
  <source src="u.mp4" />
  <source src="u.wmv" />
  <p>Faça o
    <a href="u.mp4">download do vídeo</a>
    .
  </p>
</video>
```



YouTube

► Incorporar



COMPARTILHAR

Compartilhar

Incorporar Facebook Twitter Blogger Tumblr reddit

[COPIAR](#)

☐ Começar em 2:37



YouTube

```
<!DOCTYPE html>
<html>
  <body>
    <iframe width="560"
      height="315"

src="https://www.youtube.com/embed/jdyto5rf0HU"
      frameborder="0"
      allow="accelerometer;
autoplay;
encrypted-media;
gyroscope;
picture-in-picture"
      allowfullscreen />

  </body>
</html>
```

Vídeo incorporado



```
<iframe width="560" height="315"
src="https://www.youtube.com/embed/
jdyto5rf0HU" frameborder="0"
allow="accelerometer; autoplay;
encrypted-media; gyroscope;
picture-in-picture"
allowfullscreen></iframe>
```

☐ Começar em 3:16

OPÇÕES DE INCORPORAÇÃO

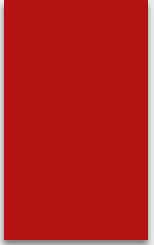
☒ Mostrar controles do player.

☐ Ativar o modo de privacidade aprimorada. ⓘ

COPIAR

MathML:
<http://www.w3.org/Math/>

```
<html>
  <head>
    <meta charset="UTF-8"/>
    <title>MathML</title>
  </head>
  <body>
    <math>
      <mrow>
        <mi>x</mi>
        <mo>=</mo>
        <mfrac>
          <mrow>
            <mo form="prefix">&minus;</mo>
            <mi>b</mi>
            <mo>&PlusMinus;</mo>
            <msqrt>
              <msup>
                <mi>b</mi>
                <mn>2</mn>
              </msup>
              <mo>&minus;</mo>
              <mn>4</mn>
              <mo>&InvisibleTimes;</mo>
              <mi>a</mi>
              <mo>&InvisibleTimes;</mo>
              <mi>c</mi>
            </msqrt>
          </mrow>
          <mrow>
            <mn>2</mn>
            <mo>&InvisibleTimes;</mo>
            <mi>a</mi>
          </mrow>
        </mfrac>
      </mrow>
    </math>
  </body>
</html>
```


$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

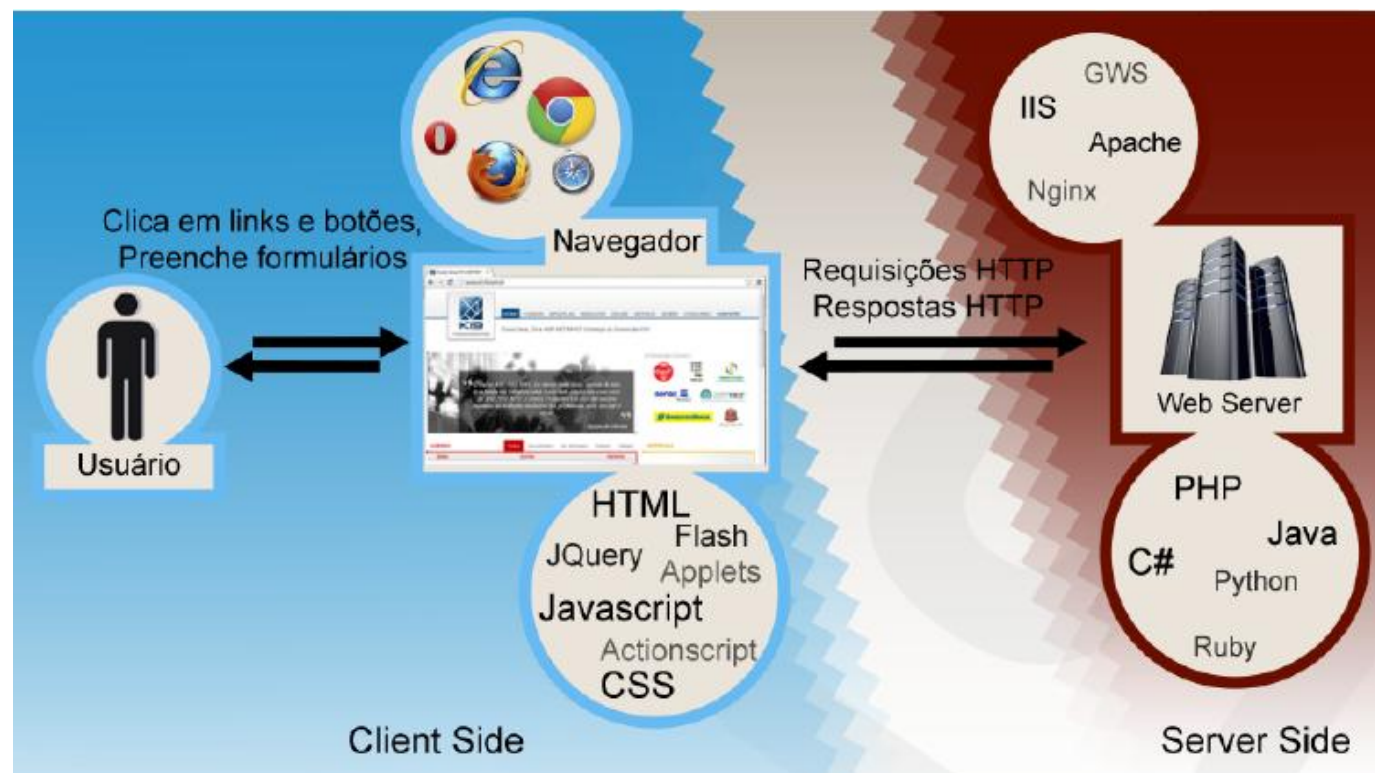
SVG:

<http://www.w3.org/Graphics/SVG/>

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8"/>
    <title>SVG</title>
  </head>
  <body>
    <svg width="400" height="400">
      <!-- Um retângulo: -->
      <rect x="10" y="10" width="150" height="50" stroke="#000000" stroke-width="5"
        fill="#FF0000"/>
      <!-- Um polígono: -->
      <polygon fill="red" stroke="blue" stroke-width="10" points="250,75 279,161 369,161
        297,215,323,301 250,250 177,301 203,215,131,161 221,161"/>
      <!-- Um círculo -->
      <circle cx="70" cy="240" r="60" stroke="#00FF00" stroke-width="5" fill="#FFFFFF"/>
    </svg>
  </body>
</html>
```


Servidor WEB

- ▶ Hospedagem
- ▶ SEO (Search Engine Optimization)



Elementos



IIS - Internet Information Services – ASP – Vem junto com o Windows



Apache (WAMP/XAMP) ou instalações individuais

Editores HTML



Notepad++



Visual Studio Code

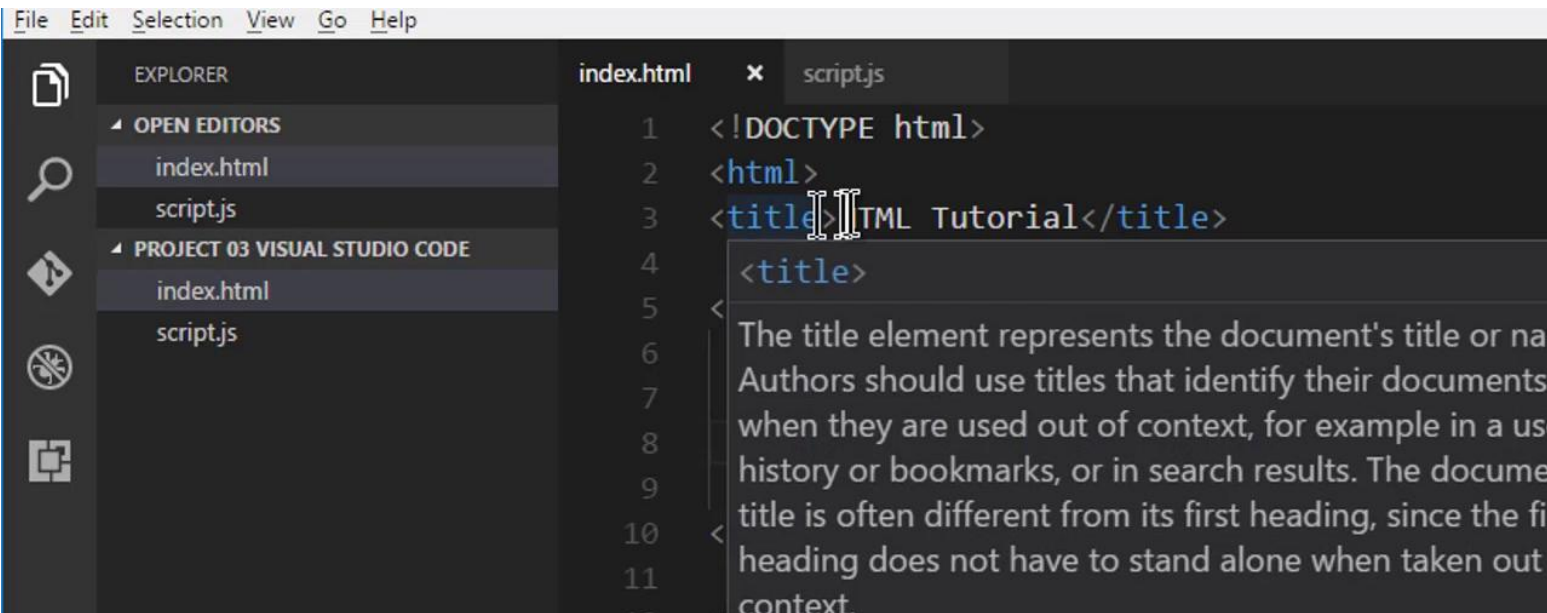


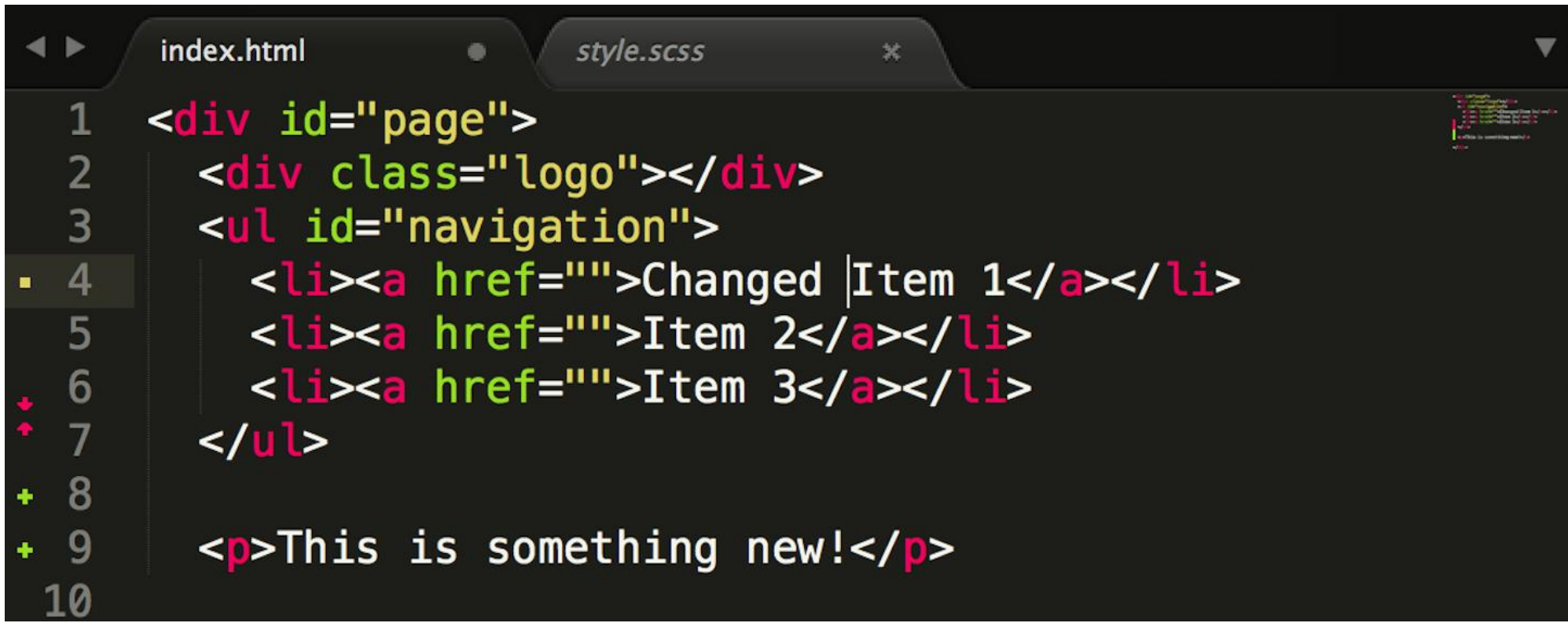
Sublime



Microsoft Expression WEB

Visual Studio Code



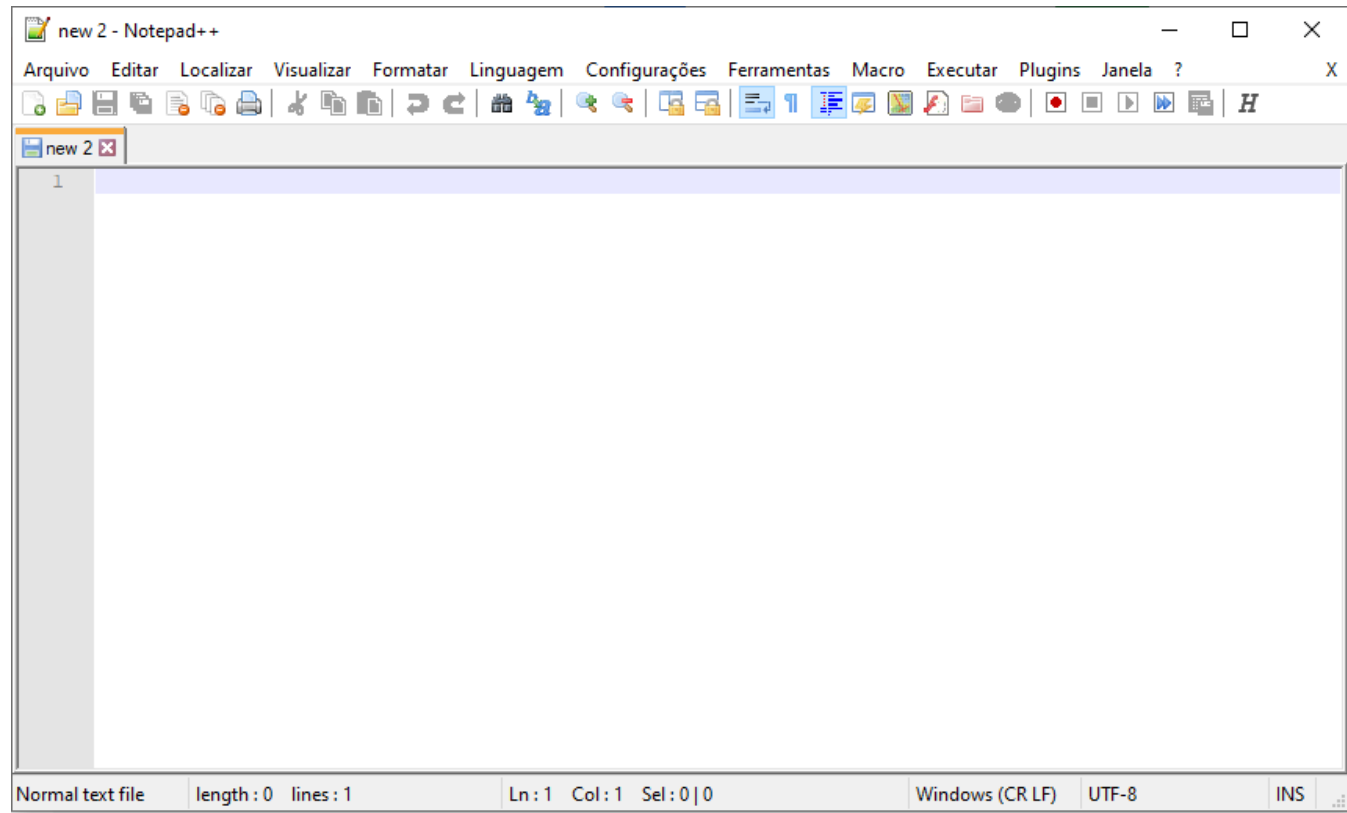


```
1 <div id="page">
2   <div class="logo"></div>
3   <ul id="navigation">
4     <li><a href="">Changed |Item 1</a></li>
5     <li><a href="">Item 2</a></li>
6     <li><a href="">Item 3</a></li>
7   </ul>
8
9   <p>This is something new!</p>
10
```

Sublime Text



Microsoft Expression WEB



Notepad++