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# Desenhista de Páginas para Web

Web Designer



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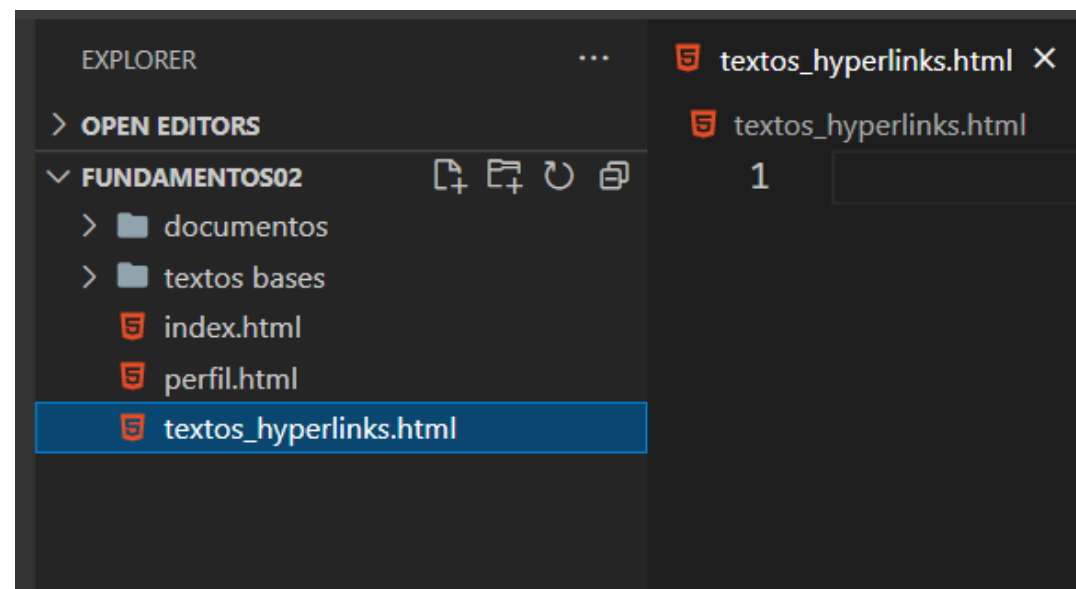
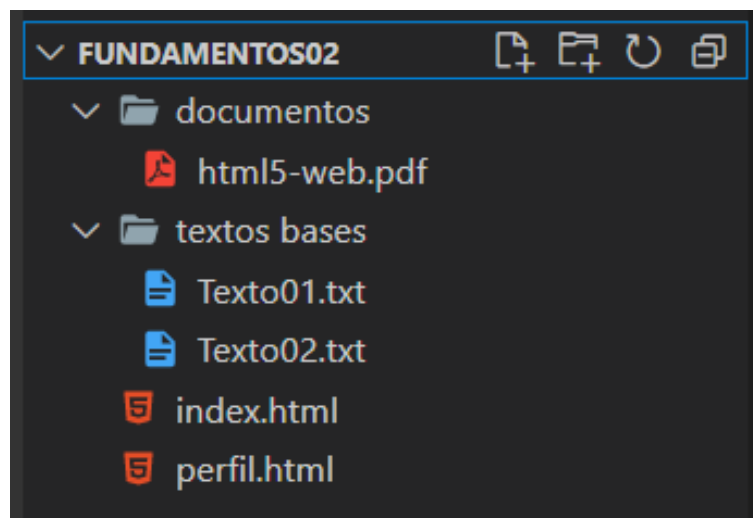


# Aula 04 – Imagens, áudio e vídeo

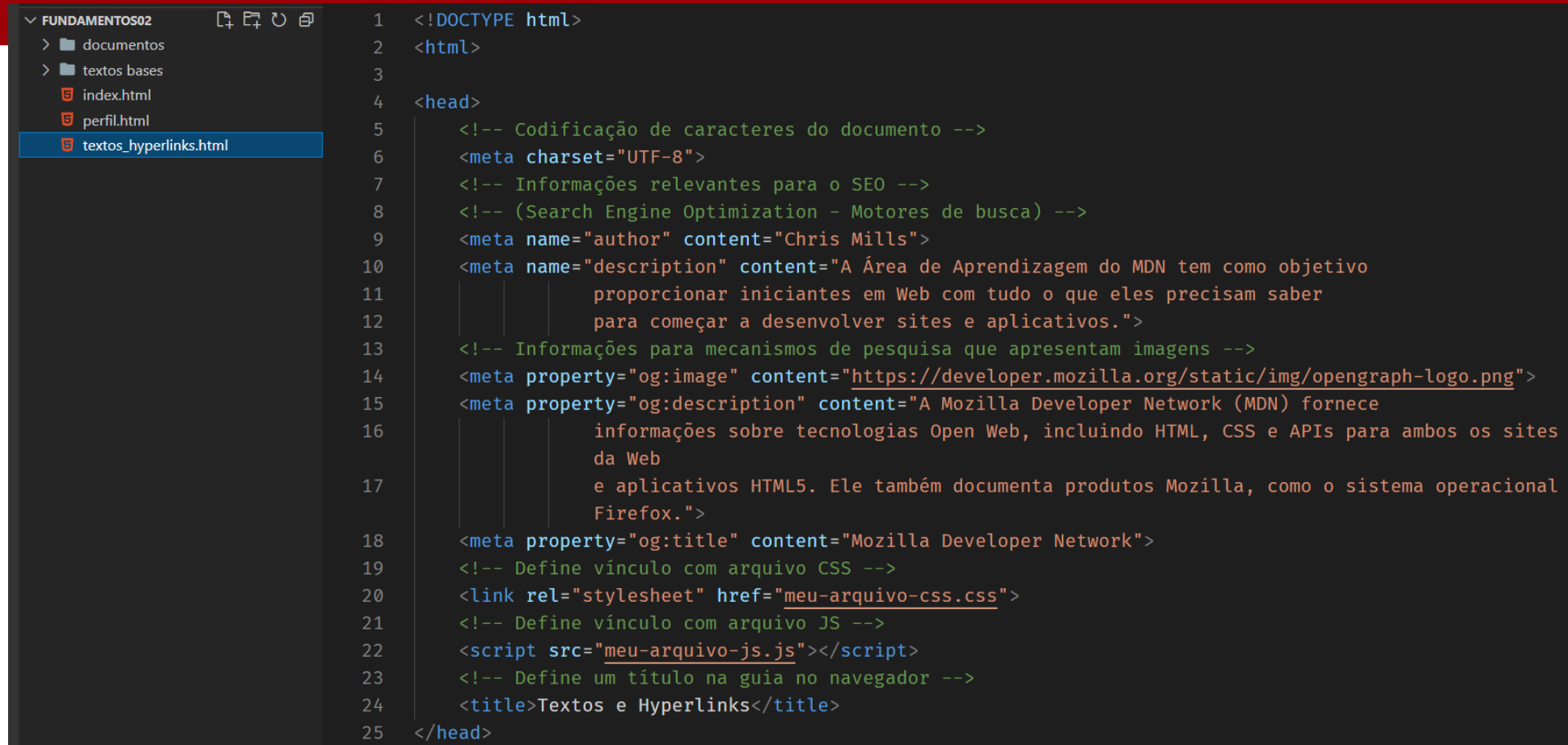
# Conteúdo

- Organização de arquivos (para construção do site Fundamentos)
- Mais atributos da tag <a>
- Imagens
  - <img> e <figure>
- Áudio
  - <audio>
- Vídeo
  - <video>
- Exercício

# Organização de arquivos




# textos\_hyperlinks.html



The image shows a code editor with a dark theme. On the left, a file explorer shows a directory structure: 'FUNDAMENTOS02' containing 'documentos', 'textos bases', 'index.html', 'perfil.html', and 'textos\_hyperlinks.html' (which is selected). The main editor area displays the HTML code for 'textos\_hyperlinks.html' with line numbers 1 through 25. The code includes a DOCTYPE declaration, a head section with various meta tags (charset, author, description, og:image, og:description, og:title), a link to a CSS file, a script for JavaScript, and a title tag.

```
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5     <!-- Codificação de caracteres do documento -->
6     <meta charset="UTF-8">
7     <!-- Informações relevantes para o SEO -->
8     <!-- (Search Engine Optimization - Motores de busca) -->
9     <meta name="author" content="Chris Mills">
10    <meta name="description" content="A Área de Aprendizagem do MDN tem como objetivo
11    | proporcionar iniciantes em Web com tudo o que eles precisam saber
12    | para começar a desenvolver sites e aplicativos.">
13    <!-- Informações para mecanismos de pesquisa que apresentam imagens -->
14    <meta property="og:image" content="https://developer.mozilla.org/static/img/opengraph-logo.png">
15    <meta property="og:description" content="A Mozilla Developer Network (MDN) fornece
16    | informações sobre tecnologias Open Web, incluindo HTML, CSS e APIs para ambos os sites
17    | da Web
18    | e aplicativos HTML5. Ele também documenta produtos Mozilla, como o sistema operacional
19    | Firefox.">
20    <meta property="og:title" content="Mozilla Developer Network">
21    <!-- Define vínculo com arquivo CSS -->
22    <link rel="stylesheet" href="meu-arquivo-css.css">
23    <!-- Define vínculo com arquivo JS -->
24    <script src="meu-arquivo-js.js"></script>
25    <!-- Define um título na guia no navegador -->
26    <title>Textos e Hyperlinks</title>
27 </head>
```

# textos\_hyperlinks.html



The screenshot shows a code editor with a dark theme. On the left, a file explorer shows a project named 'FUNDAMENTOS02' containing a 'documentos' folder, a 'textos bases' folder, and three HTML files: 'index.html', 'perfil.html', and 'textos\_hyperlinks.html'. The 'textos\_hyperlinks.html' file is selected and highlighted in blue. The main editor area displays the HTML code for this file, with line numbers 27 through 44 on the left margin. The code includes a <body> tag, an unordered list with two items (one linking to './index.html' and the other to './perfil.html'), a horizontal line (<hr>), an <h1> heading 'As três ameaças que pairam sobre a web', an <h2> heading 'Fonte:', and a link to 'https://brasil.elpais.com/brasil/2019/03/11/opinion/1552298297\_783559.html' with the title 'Artigo completo disponível aqui' and the text 'El País'.

```
27 <body>
28
29 <ul>
30 |   <li><a href="./index.html">Paginal inicial</a></li>
31 |   <li><a href="./perfil.html">Sobre Tim Berners-Lee</a></li>
32 </ul>
33
34 <!-- Linha horizontal -->
35 <hr>
36
37 <h1>As três ameaças que pairam sobre a web</h1>
38
39 <h2>Fonte:
40 |   <a href="https://brasil.elpais.com/brasil/2019/03/11/opinion/1552298297_783559.html"
41 |     title="Artigo completo disponível aqui">
42 |     El País
43 |   </a>
44 </h2>
```

# textos\_hyperlinks.html

▼ FUNDAMENTOS02	46	
> documentos		
> textos bases		
index.html	47	
perfil.html	48	
textos_hyperlinks.html		
	49	
	50	

<p>Hoje, <strong>30 anos depois</strong> da minha proposta original de um sistema de gerenciamento da informação, meio mundo usa a Internet. É um momento para comemorar o quão longe chegamos, mas também uma oportunidade para refletir sobre o quão longe ainda <strong>precisamos ir</strong>.</p>
<p>E embora a <i>Internet</i> tenha criado oportunidades, dado voz a <i>grupos marginalizados</i> e facilitado nossa vida diária, também engendrou oportunidades para <u>fraudadores</u>, deu voz àqueles que propagam o <u>ódio</u> e facilitou a prática de todos os tipos de <u>crimes</u>.</p>
<p>Em geral, considero que há três causas para as disfunções que afetam a web atual:</p>

# textos\_hyperlinks.html

```
52 <!-- Lista aninhadas -->
53 <ol>
54     <li>
55         As intenções deliberadas e mal-intencionadas, como hackers e ciberataques apoiados pelos
56         Estados, a conduta criminosa e o assédio na Internet.
57     </li>
58     <li>
59         A elaboração de um sistema que cria incentivos perversos nos quais o usuário é sacrificado,
60         como os modelos de receita baseados em publicidade que recompensam comercialmente o
61         caça-cliques e a disseminação viral de desinformação.
62     </li>
63     <ul>
64         <li>Análises e criações de perfis de consumo.</li>
65         <li>Marketing digital direcionado e agressivo.</li>
66         <li>Criação de bolhas de consumo por algoritmos.</li>
67     </ul>
68     <li>
69         As consequências negativas involuntárias do modelo benevolente, como o tom enfurecido e
70         polarizado e a qualidade das conversas na Internet.
71     </li>
72 </ol>
73
74 <a href="._/documentos/html5-web.pdf">Curso W3C Escritório Brasil de HTML5</a>
75 </body>
76 </html>
```



# Hyperlink <a>

- Atributos

- href

- URL (absoluta e relativa)

- Elementos HTML (id)

- Arquivos

- E-mail (mailto:)

- Telefone (tel:)

- target (self e blank)

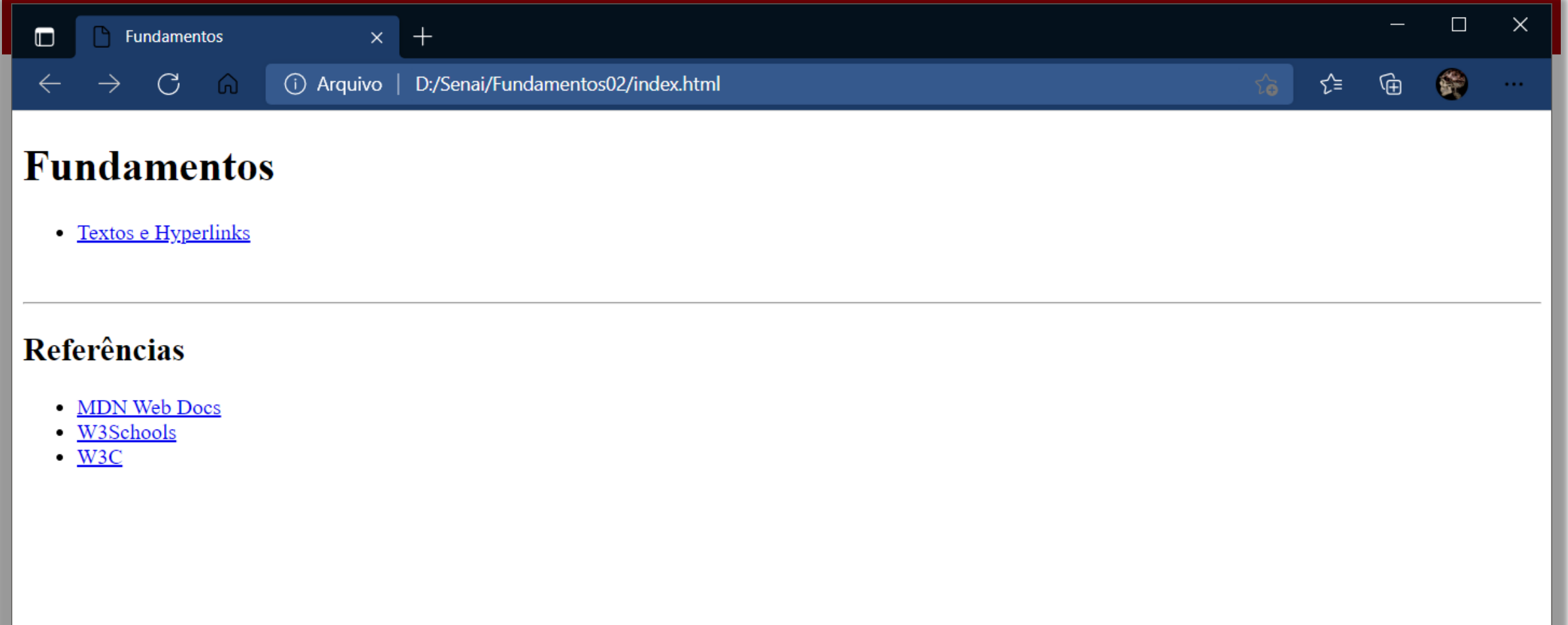
- download

- <canvas>

<https://developer.mozilla.org/pt-BR/docs/Web/HTML/Element/a>

```
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5     <meta charset="UTF-8">
6     <title>Fundamentos</title>
7 </head>
8
9 <body>
10
11     <h1>Fundamentos</h1>
12     <ul>
13         <li><a href="./textos_hyperlinks.html">Textos e Hyperlinks</a></li>
14     </ul>
15
16     <br>
17     <hr>
18
19     <h2>Referências</h2>
20     <ul>
21         <li><a href="https://developer.mozilla.org/pt-BR/" target="blank">MDN Web Docs</a></li>
22         <li><a href="https://www.w3schools.com/" target="blank">W3Schools</a></li>
23         <li><a href="https://www.w3c.br/" target="blank">W3C</a></li>
24     </ul>
25
26 </body>
27
28 </html>
```

# Fundamentos



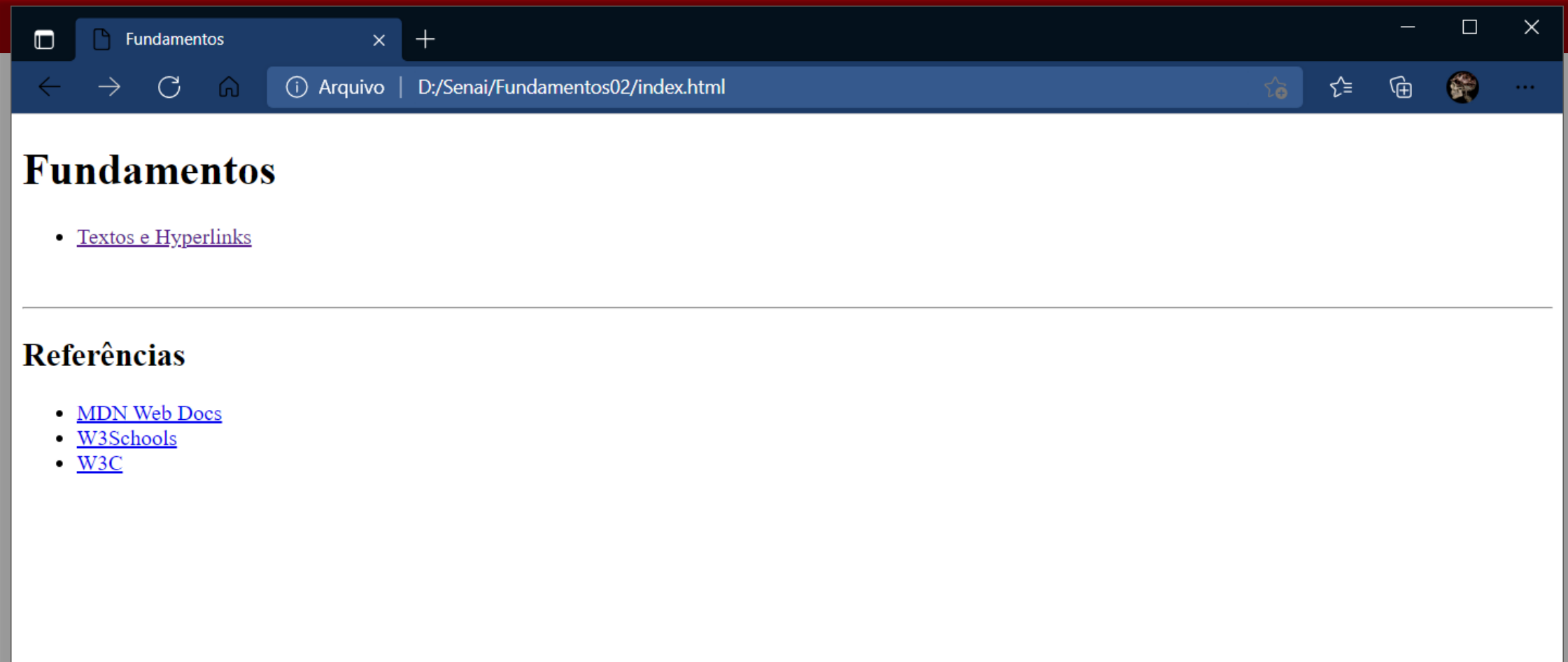
# Fundamentos



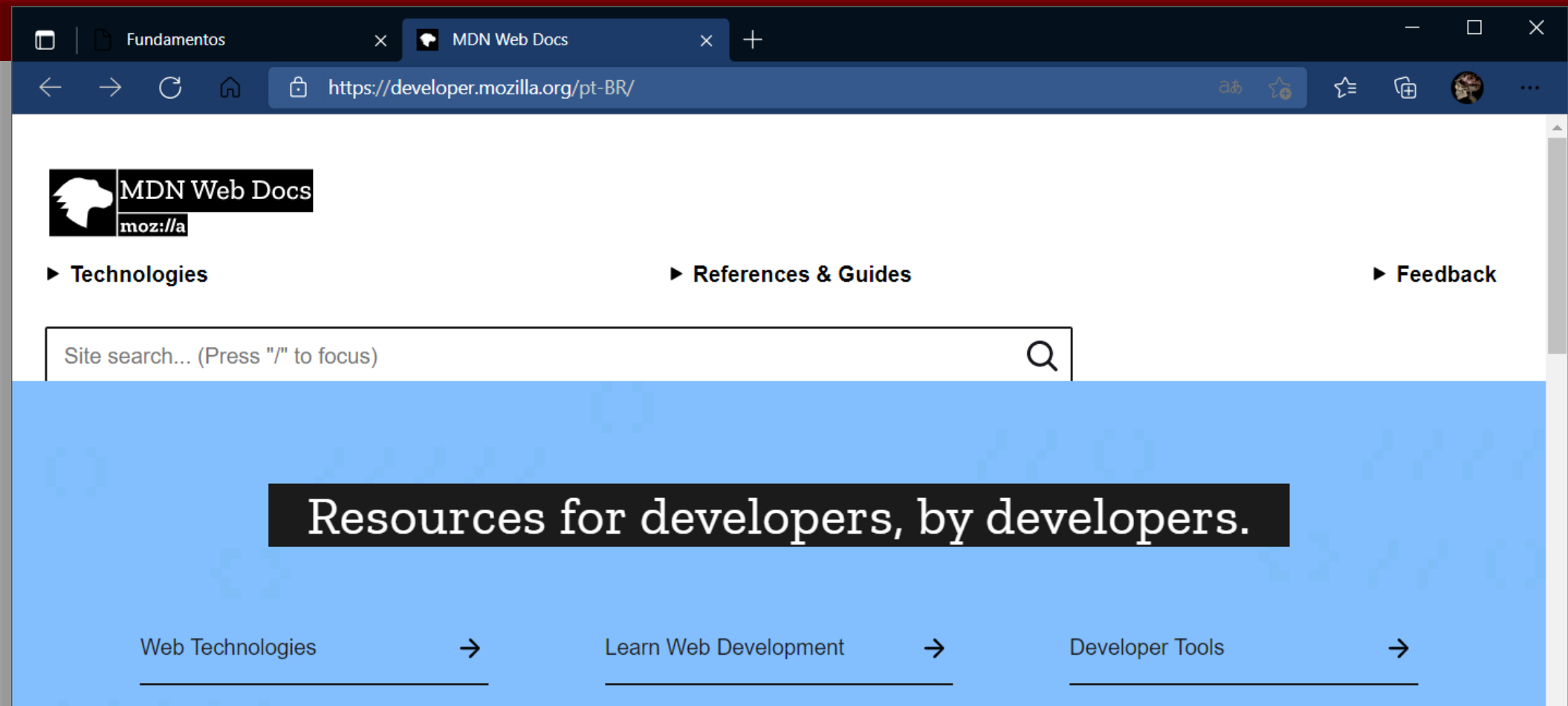
# Fundamentos



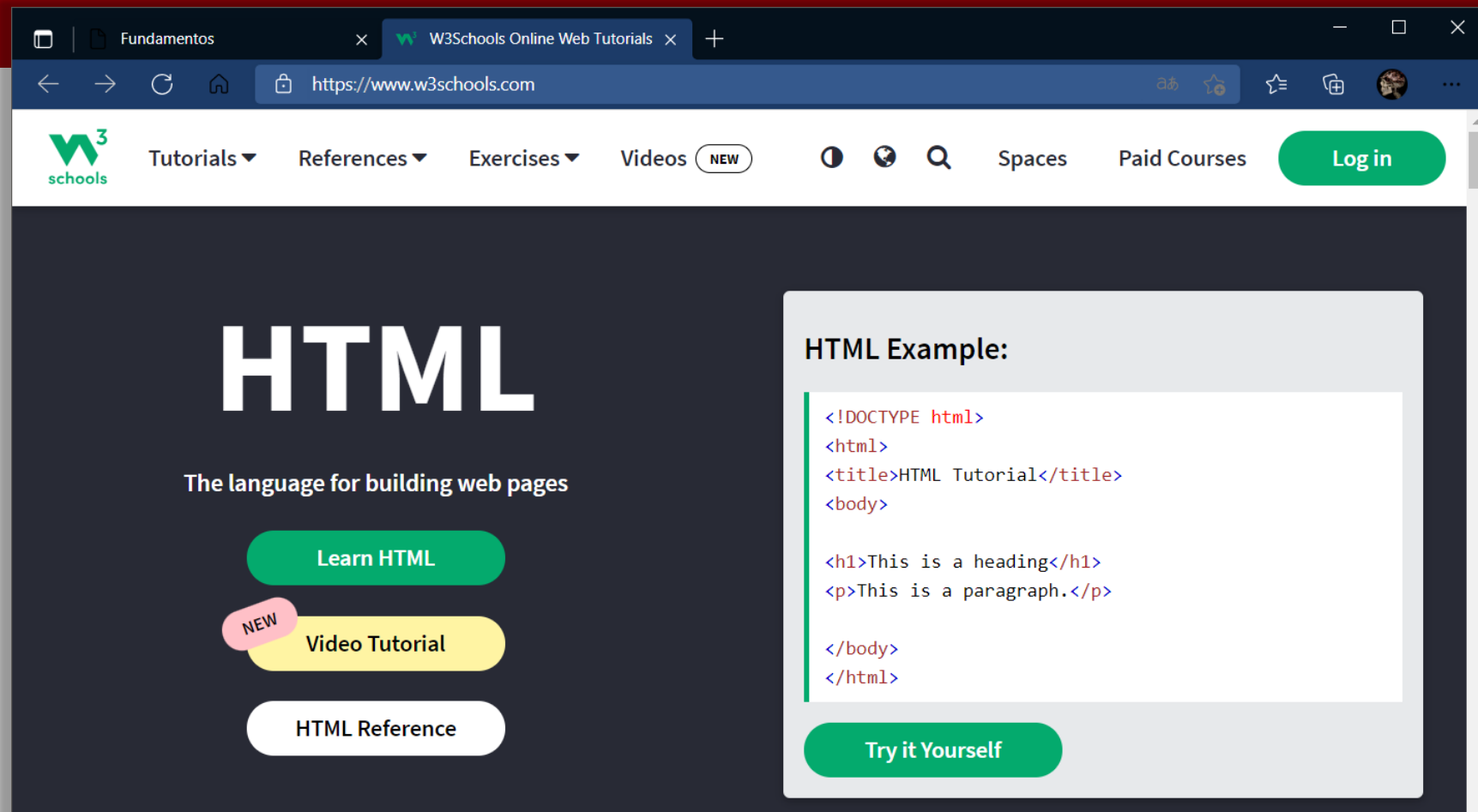
# Fundamentos



# Fundamentos

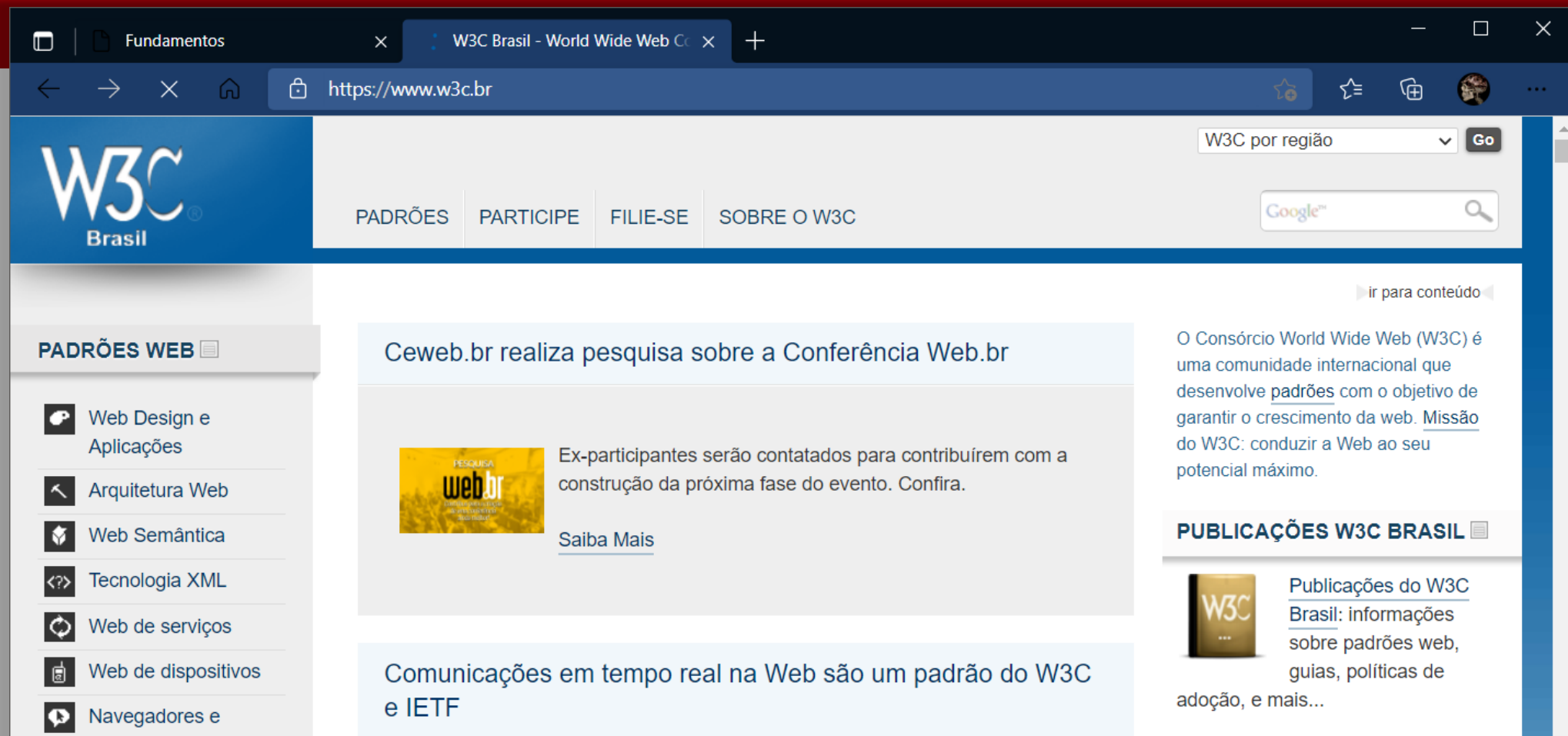


# Fundamentos





# Fundamentos





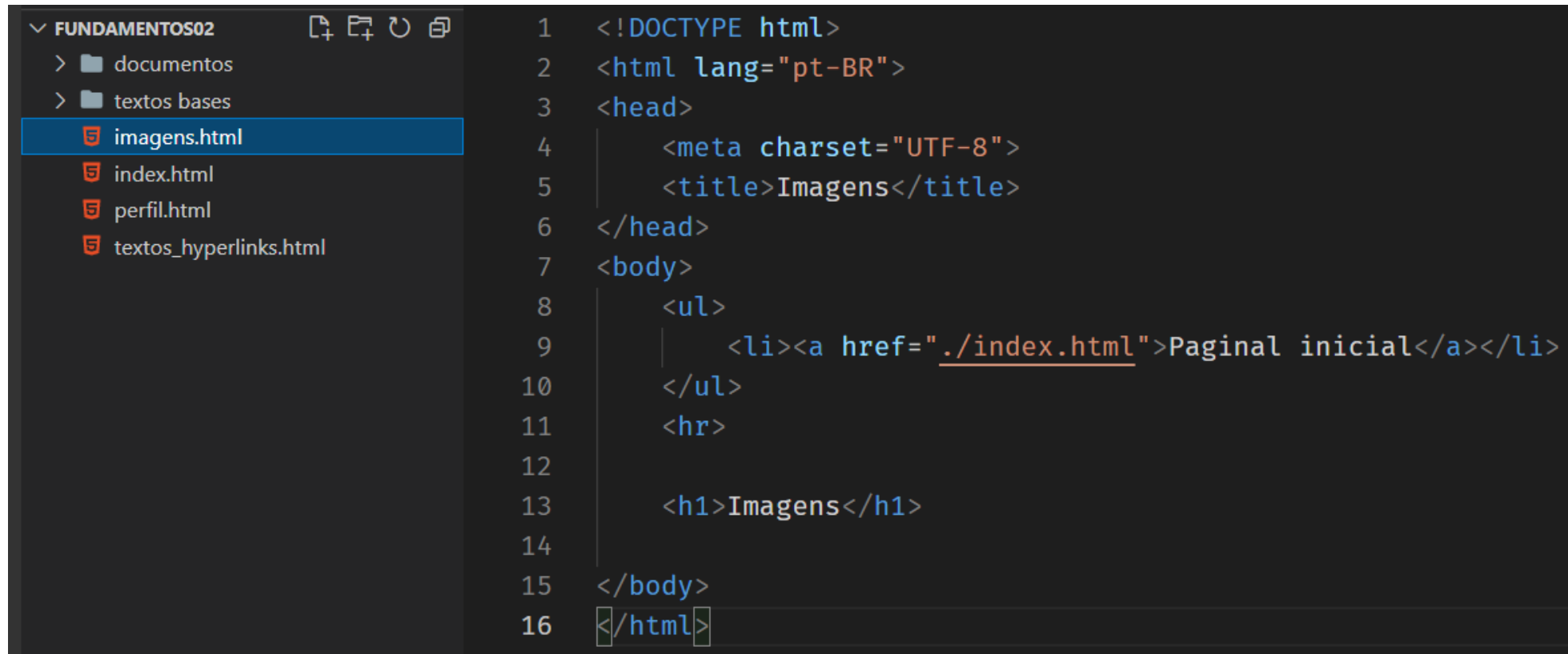
# Imagens

# Imagens

- `<img>`
  - `src`
  - `alt`
  - `title`
  - `width`
  - `height`

[https://developer.mozilla.org/pt-BR/docs/Learn/HTML/Multimedia\\_and\\_embedding/Images\\_in\\_HTML](https://developer.mozilla.org/pt-BR/docs/Learn/HTML/Multimedia_and_embedding/Images_in_HTML)

# imagens.html



The screenshot shows a code editor with a dark theme. On the left, a file explorer shows a folder named 'FUNDAMENTOS02' containing subfolders 'documentos' and 'textos bases', and files 'imagens.html' (selected), 'index.html', 'perfil.html', and 'textos\_hyperlinks.html'. The main editor area displays the HTML code for 'imagens.html' with line numbers 1 through 16. The code is as follows:

```
1 <!DOCTYPE html>
2 <html lang="pt-BR">
3 <head>
4     <meta charset="UTF-8">
5     <title>Imagens</title>
6 </head>
7 <body>
8     <ul>
9         <li><a href="./index.html">Paginal inicial</a></li>
10    </ul>
11    <hr>
12
13    <h1>Imagens</h1>
14
15 </body>
16 </html>
```

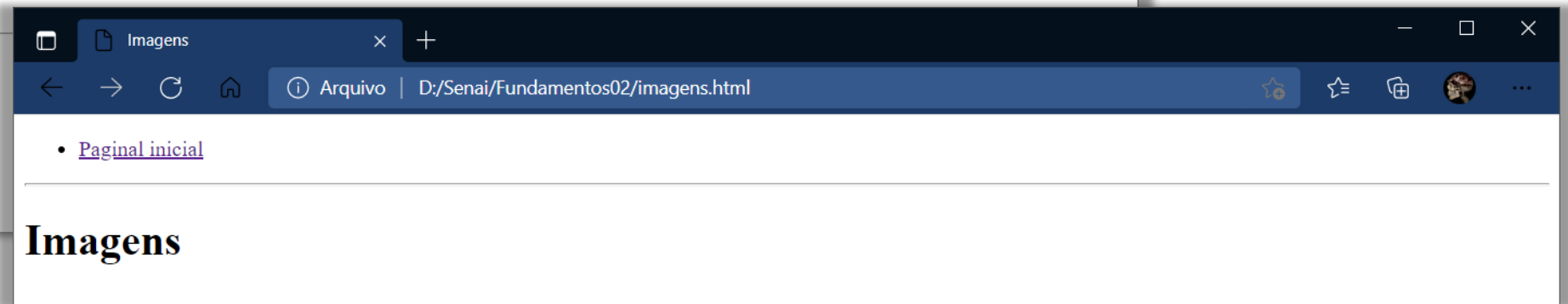
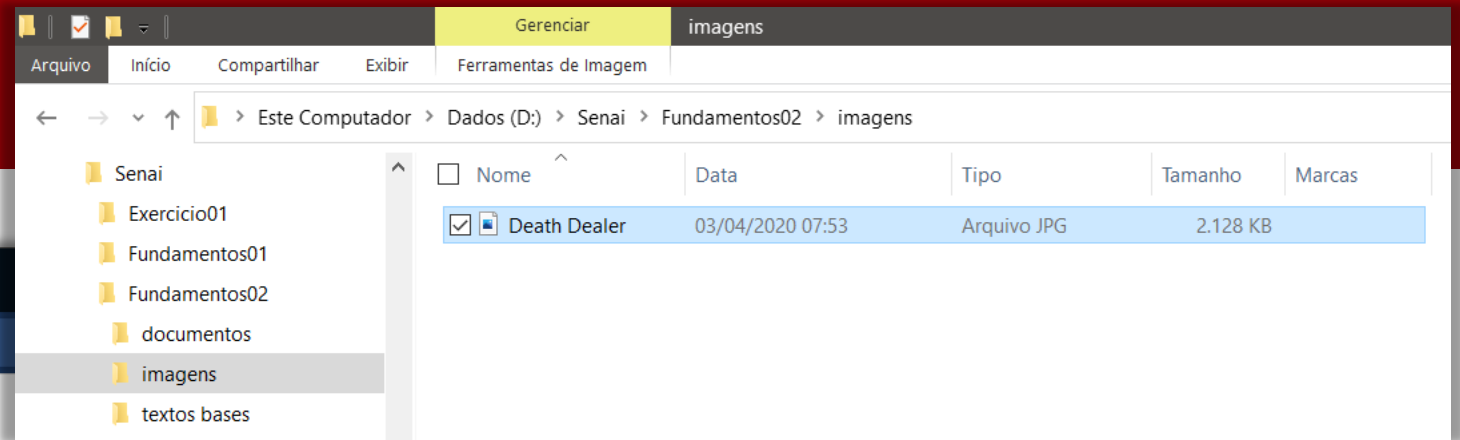
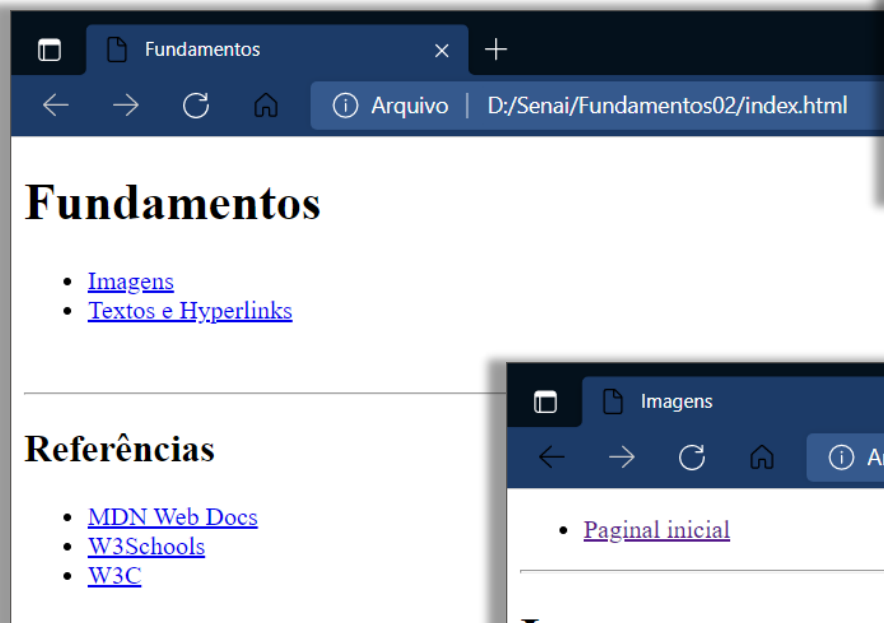
# index.html



The screenshot shows a code editor with a dark theme. On the left, a file explorer pane shows a folder named 'FUNDAMENTOS02' containing several files: 'documentos', 'textos bases', 'imagens.html', 'index.html' (which is selected and highlighted in blue), 'perfil.html', and 'textos\_hyperlinks.html'. The main editor area displays the HTML code for 'index.html'. The code starts with a line number 9 and the opening tag '<body>'. Line 10 is empty. Line 11 contains the heading '<h1>Fundamentos</h1>'. Line 12 starts an unordered list with '<ul>'. Line 13 contains the first list item: '<li><a href= \"./imagens.html\">Imagens</a></li>'. Line 14 contains the second list item: '<li><a href= \"./textos\_hyperlinks.html\">Textos e Hyperlinks</a></li>'. Line 15 ends the list with '</ul>'.

```
9 <body>
10
11 <h1>Fundamentos</h1>
12 <ul>
13   <li><a href= \"./imagens.html\">Imagens</a></li>
14   <li><a href= \"./textos_hyperlinks.html\">Textos e Hyperlinks</a></li>
15 </ul>
```

# Fundamentos



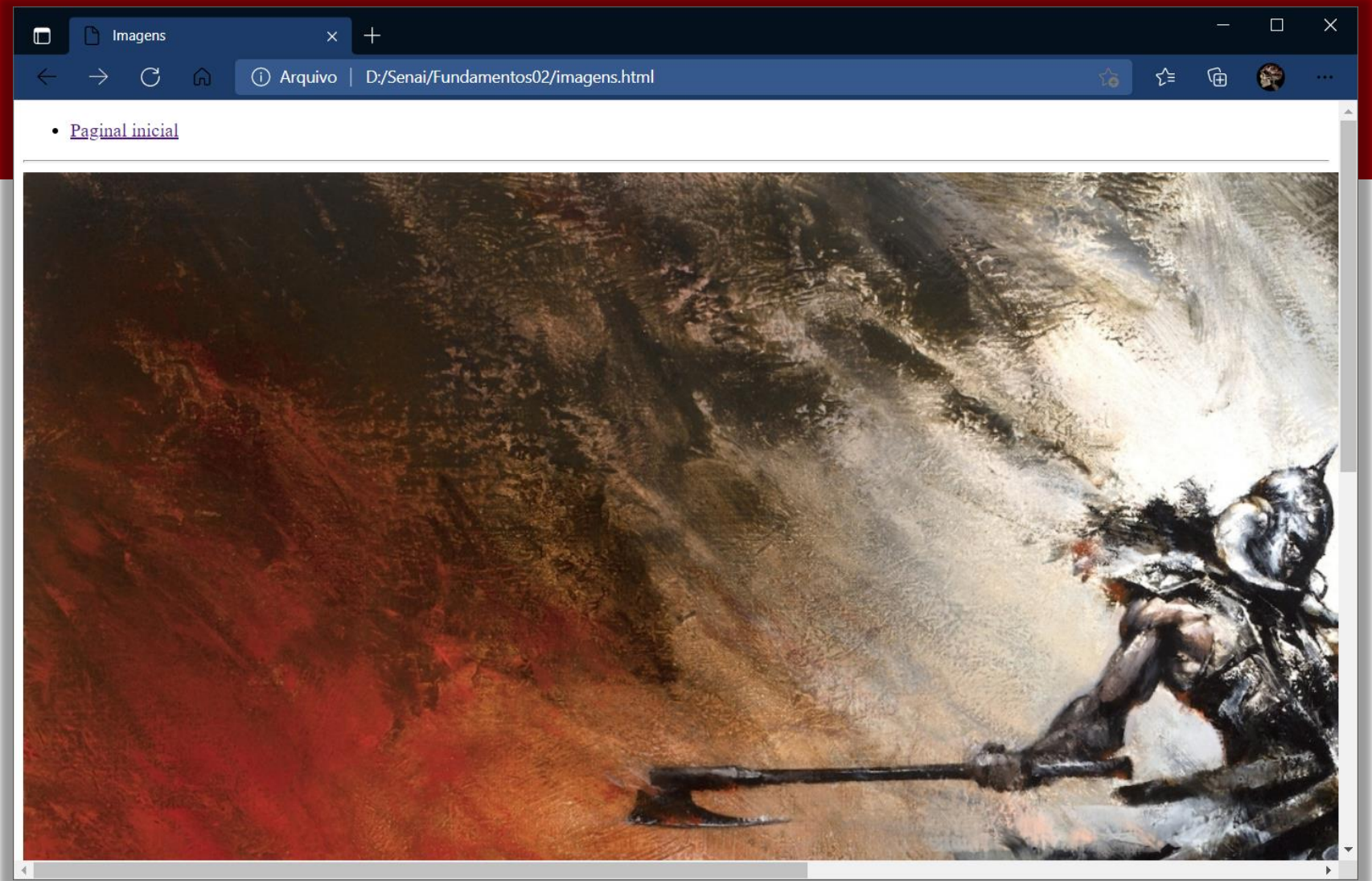
# imagens.html



The screenshot shows a code editor with a dark theme. On the left, a file explorer shows a folder named 'FUNDAMENTOS02' containing subfolders 'documentos', 'imagens', and 'textos bases'. Below these are files 'imagens.html' (selected), 'index.html', 'perfil.html', and 'textos\_hyperlinks.html'. The main editor area displays the HTML code for 'imagens.html' with line numbers 1 through 16. The code includes a DOCTYPE declaration, a lang attribute set to 'pt-BR', a charset of 'UTF-8', and a title 'Imagens'. The body contains an unordered list with one link to 'index.html' labeled 'Paginal inicial', followed by a horizontal line and an image tag pointing to 'Death Dealer.jpg'.

```
1 <!DOCTYPE html>
2 <html lang="pt-BR">
3 <head>
4     <meta charset="UTF-8">
5     <title>Imagens</title>
6 </head>
7 <body>
8     <ul>
9         <li><a href="./index.html">Paginal inicial</a></li>
10    </ul>
11    <hr>
12
13    
14
15 </body>
16 </html>
```

# Fundamentos



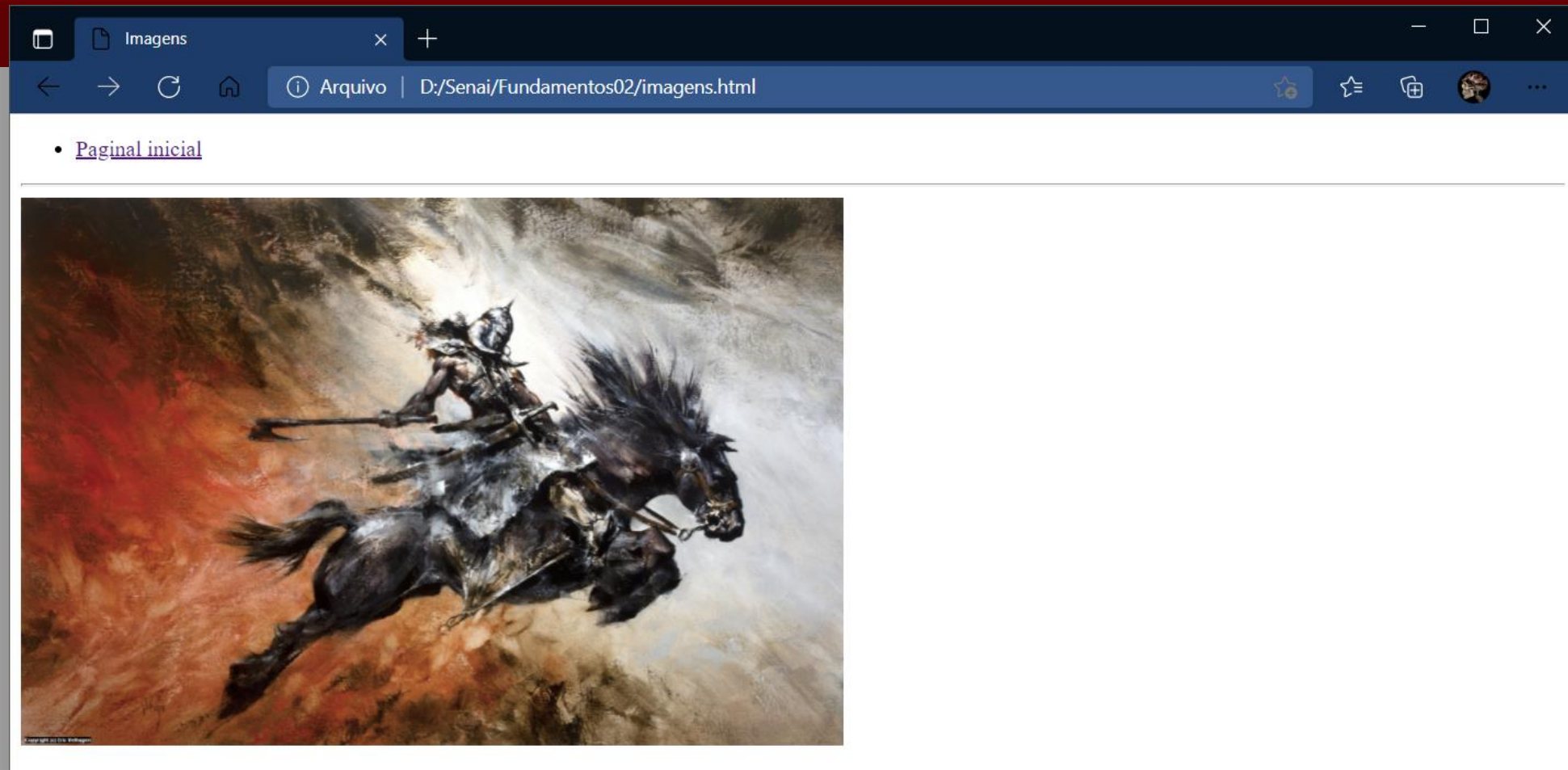


# imagens.html

```

1  <!DOCTYPE html>
2  <html lang="pt-BR">
3  <head>
4      <meta charset="UTF-8">
5      <title>Imagens</title>
6  </head>
7  <body>
8      <ul>
9          <li><a href="index.html">Paginal inicial</a></li>
10      </ul>
11      <hr>
12
13      <!-- Priorizar definições de dimensão via CSS -->
14      
15
16  </body>
17  </html>
```

# Fundamentos

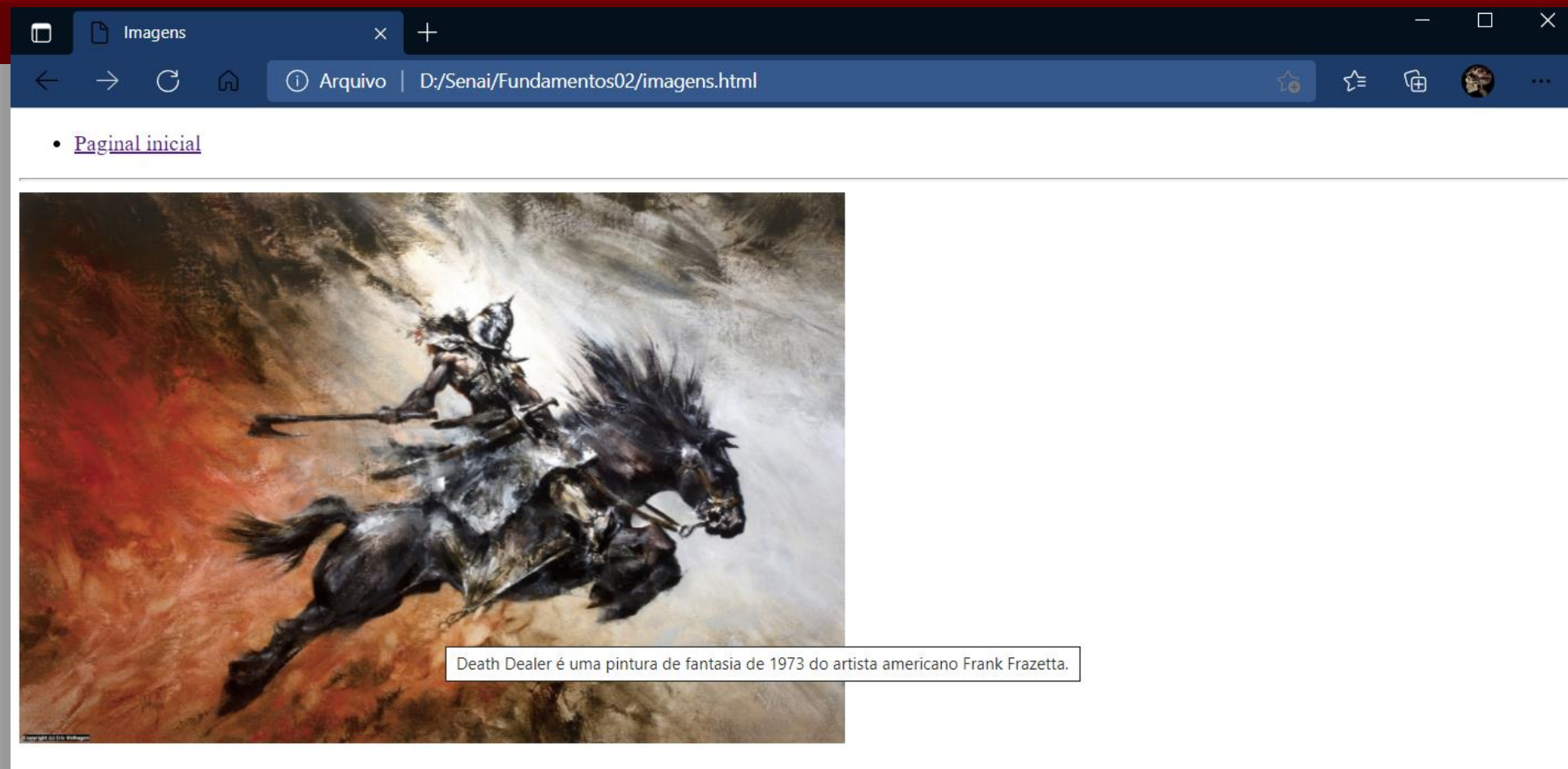


# imagens.html

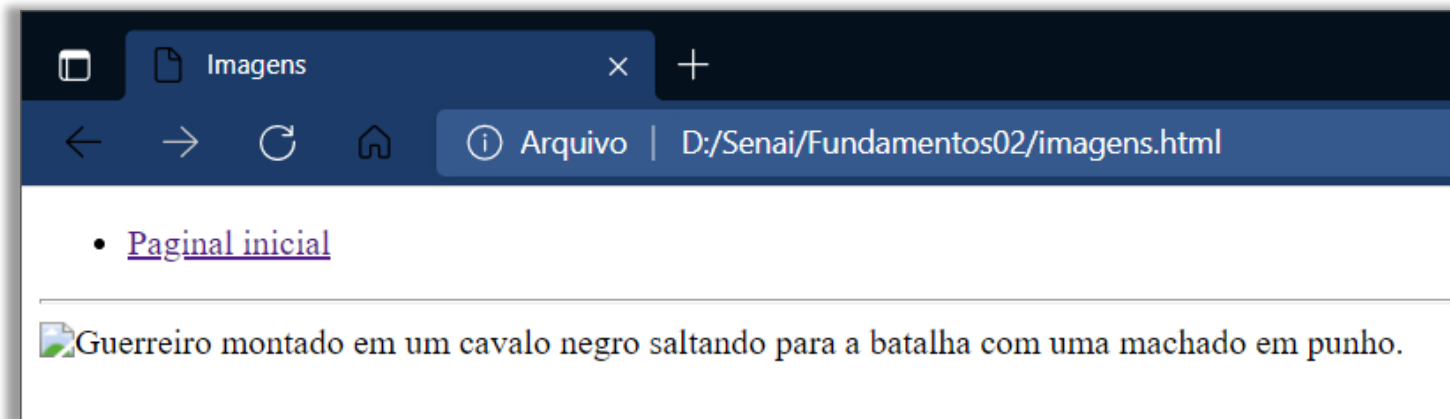
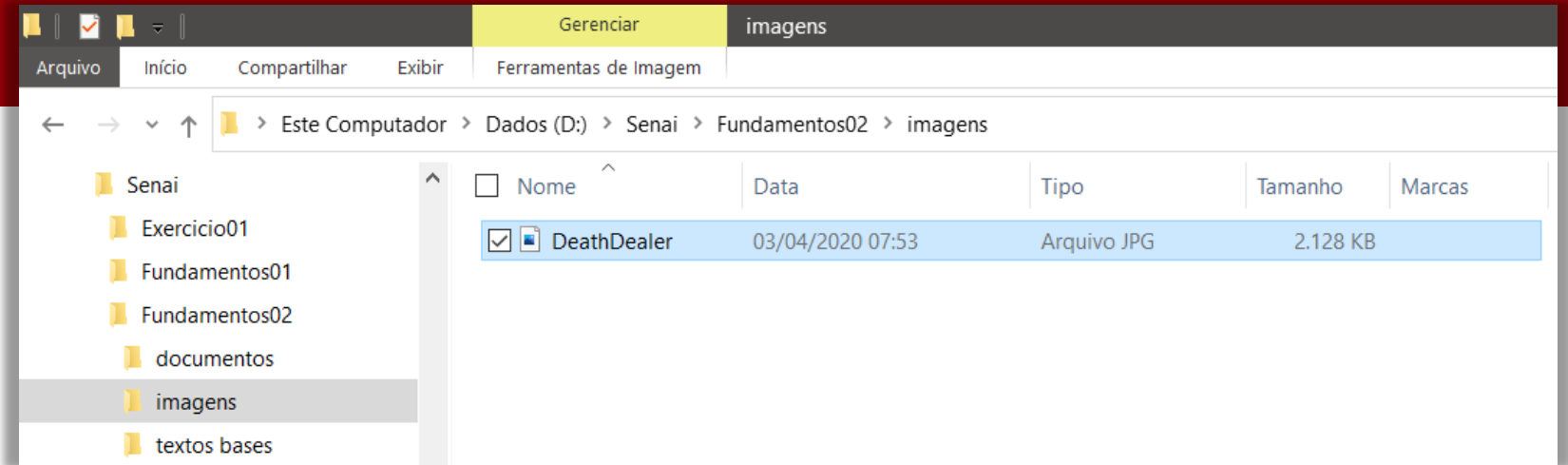
```

1  <!DOCTYPE html>
2  <html lang="pt-BR">
3  <head>
4      <meta charset="UTF-8">
5      <title>Imagens</title>
6  </head>
7  <body>
8      <ul>
9          <li><a href="./index.html">Paginal inicial</a></li>
10     </ul>
11     <hr>
12
13     
18
19 </body>
20 </html>
```

# Fundamentos



# Fundamentos



# Imagens

- `<figure>`
  - `<figcaption>`

[https://developer.mozilla.org/pt-BR/docs/Learn/HTML/Multimedia\\_and\\_embedding/Images\\_in\\_HTML](https://developer.mozilla.org/pt-BR/docs/Learn/HTML/Multimedia_and_embedding/Images_in_HTML)

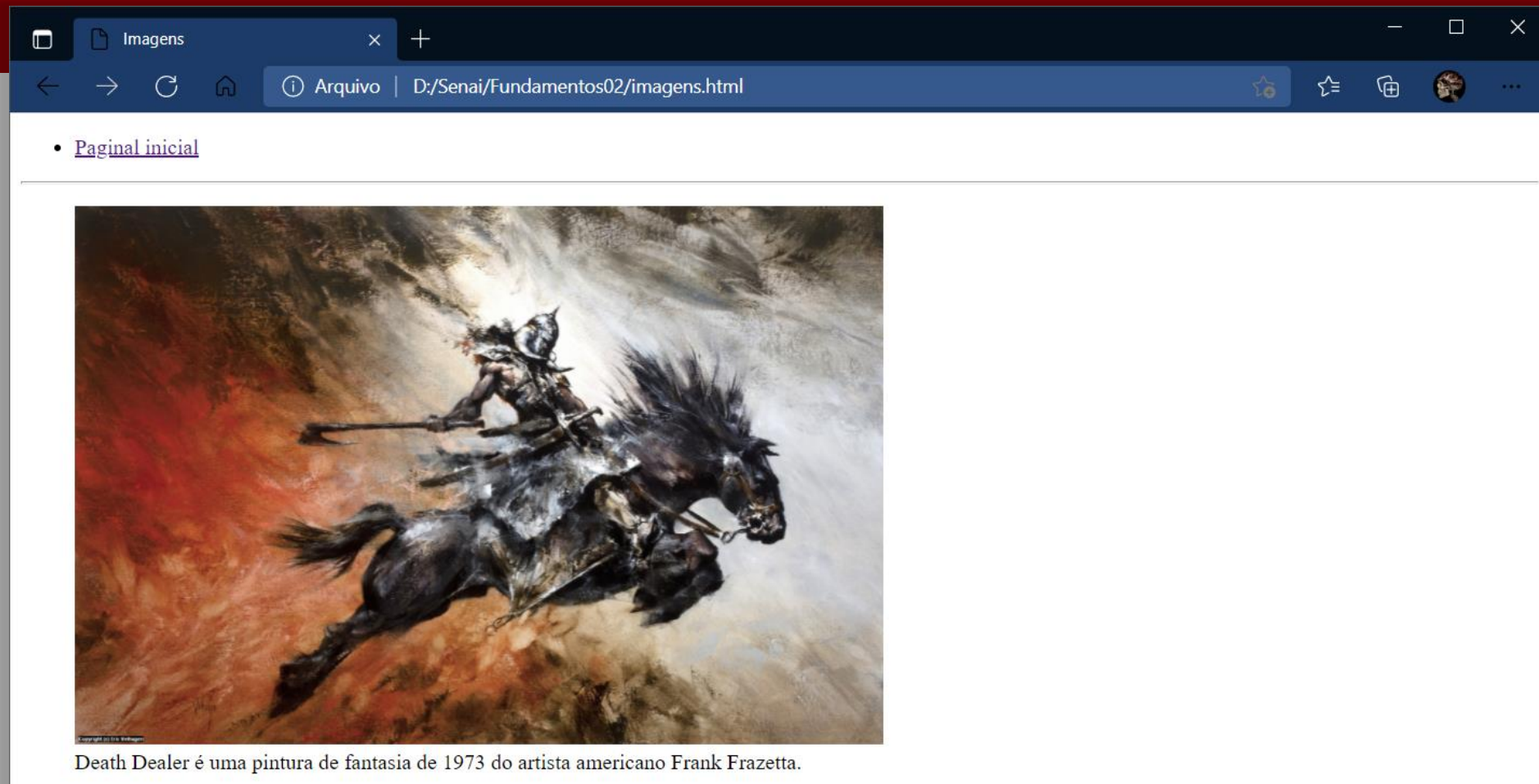
# imagens.html

```

1  <!DOCTYPE html>
2  <html lang="pt-BR">
3  <head>
4      <meta charset="UTF-8">
5      <title>Imagens</title>
6  </head>
7  <body>
8      <ul>
9          <li><a href="index.html">Paginal inicial</a></li>
10     </ul>
11     <hr>
12
13     <figure>
14         
19
20         <figcaption>Death Dealer é uma pintura de fantasia de 1973 do artista americano Frank
21             Frazetta.</figcaption>
22     </figure>
23 </body>
</html>
```



# Fundamentos



Death Dealer é uma pintura de fantasia de 1973 do artista americano Frank Frazetta.



# imagens.html


```
13     <figure>
14         <a href="http://frankfrazetta.net/" target="blank">
15             
20         </a>
21         <figcaption>Death Dealer é uma pintura de fantasia de 1973 do artista americano
22         Frank Frazetta.</figcaption>
23     </figure>
```

# Fundamentos

Imagens

Arquivo | D:/Senai/Fundamentos02/imagens.html

- [Paginal inicial](#)




Death Dealer é uma pintura de fantasia de 1973 do artista americano Frank Frazetta.

Imagens

Frank Frazetta Home

Não seguro | frankfrazetta.net

**FRANK FRAZETTA**  
THE LIFE AND WORKS OF THE MASTER ARTIST



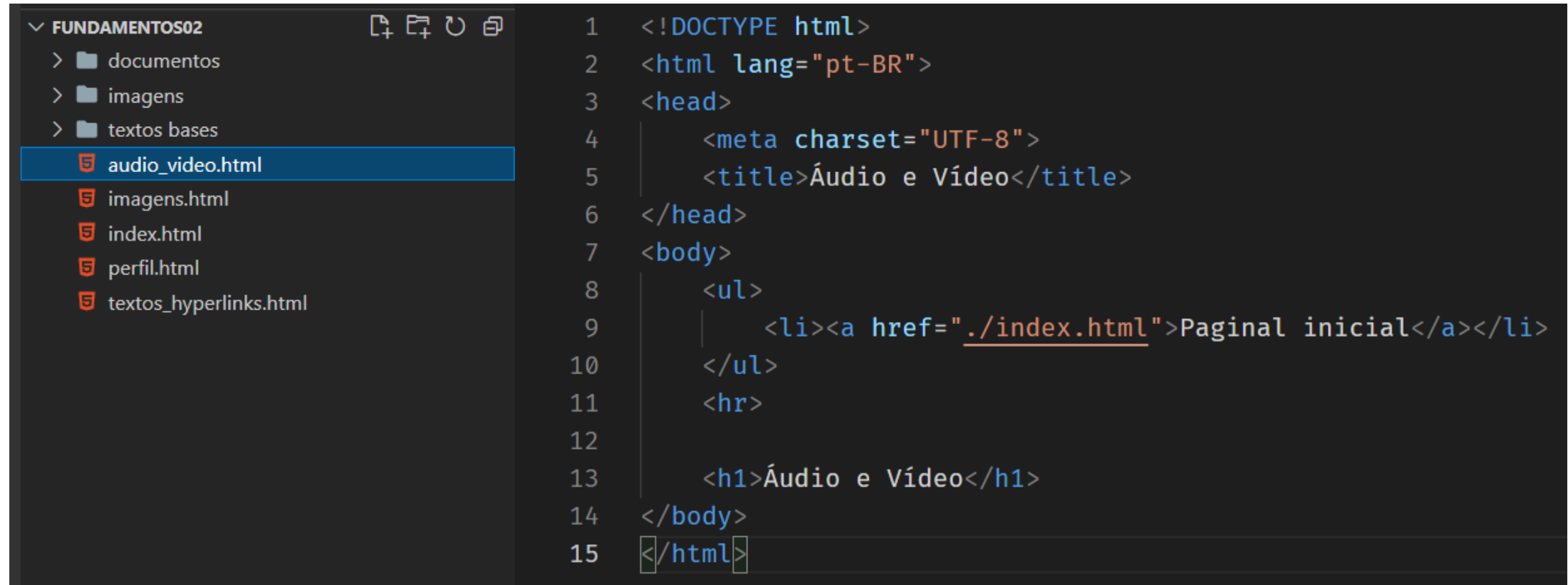
GALLERY 1 | GALLERY 2 | GALLERY 3 | BIO | NEWS

**Frazetta GIRLS**  
OFFICIAL MERCHANDISE



# Áudio

# audio\_video.html



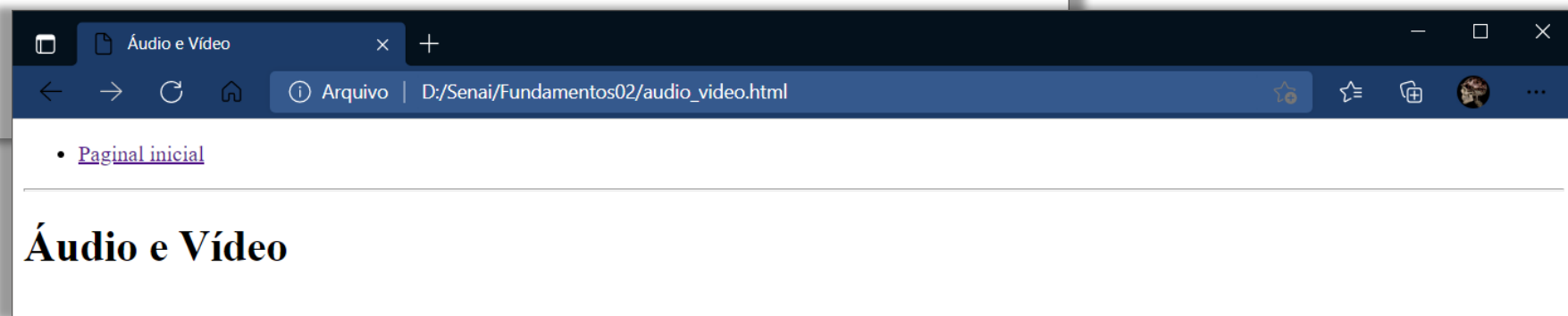
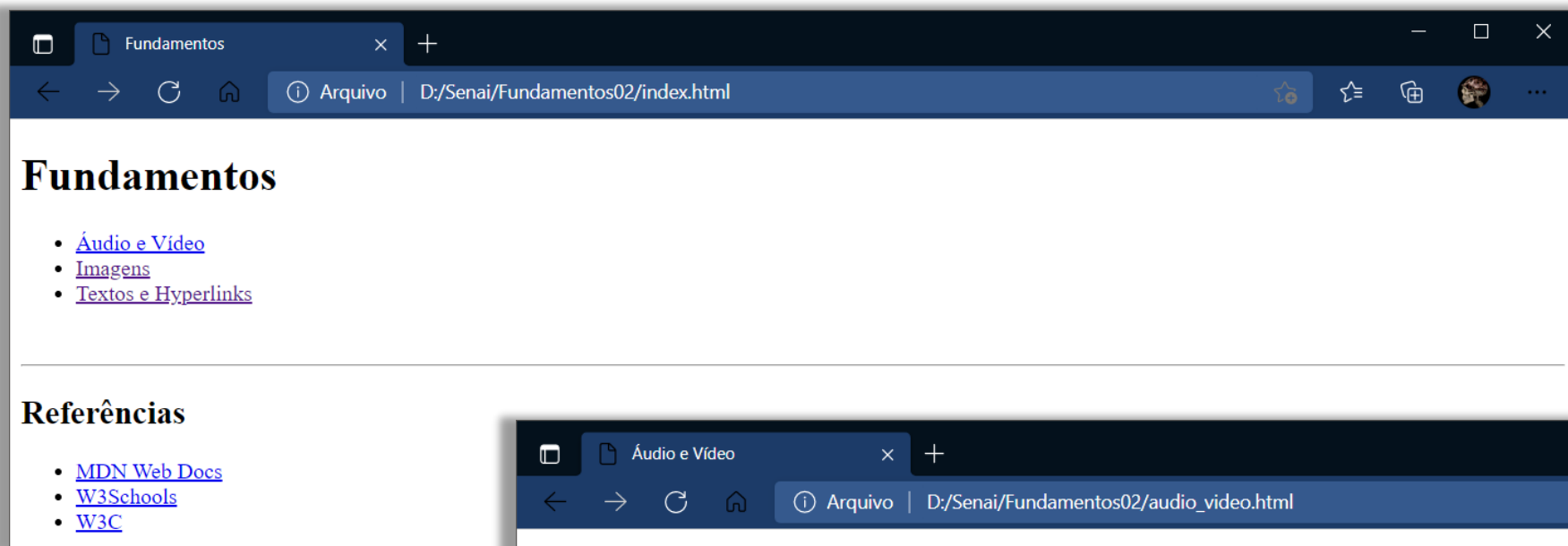
```
1 <!DOCTYPE html>
2 <html lang="pt-BR">
3 <head>
4 |   <meta charset="UTF-8">
5 |   <title>Áudio e Vídeo</title>
6 </head>
7 <body>
8 |   <ul>
9 |     <li><a href="./index.html">Paginal inicial</a></li>
10 |   </ul>
11 |   <hr>
12 |
13 |   <h1>Áudio e Vídeo</h1>
14 </body>
15 </html>
```

# index.html



```
9 <body>
10
11 <h1>Fundamentos</h1>
12 <ul>
13   <li><a href="./audio_video.html">Áudio e Vídeo</a></li>
14   <li><a href="./imagens.html">Imagens</a></li>
15   <li><a href="./textos_hyperlinks.html">Textos e Hyperlinks</a></li>
16 </ul>
```

# Fundamentos

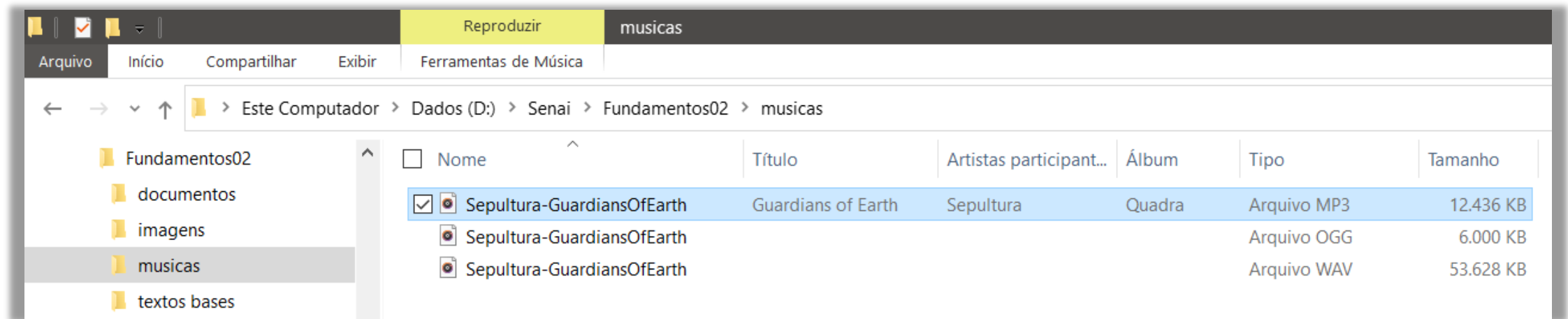


# Áudio

- `<audio>`
  - `<source>`
  - controls

[https://developer.mozilla.org/pt-BR/docs/Learn/HTML/Multimedia\\_and\\_embedding/Video\\_and\\_audio\\_content](https://developer.mozilla.org/pt-BR/docs/Learn/HTML/Multimedia_and_embedding/Video_and_audio_content)

# Fundamentos



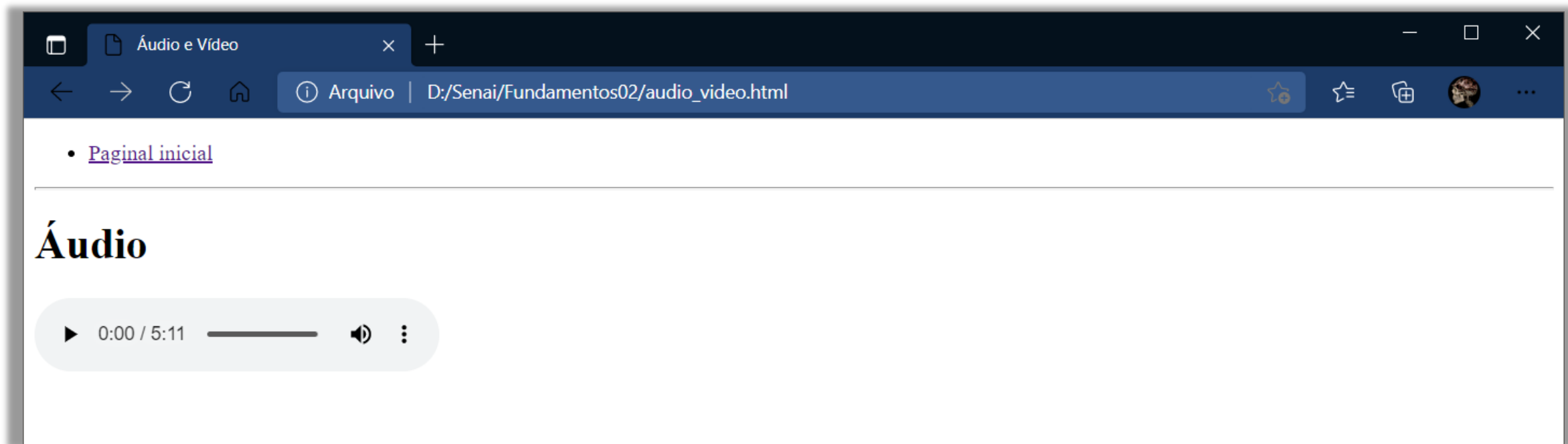
<https://developer.mozilla.org/pt-BR/docs/Web/Media/Formats>



# audio\_video.html

```
13 <h1>Áudio</h1>
14
15 <audio controls>
16   <source src="./musicas/Sepultura-GuardiansOfEarth.mp3" type="audio/mp3">
17   <source src="./musicas/Sepultura-GuardiansOfEarth.ogg" type="audio/ogg">
18   <source src="./musicas/Sepultura-GuardiansOfEarth.wav" type="audio/wave">
19   <p>Seu navegador não suporta áudio HTML5. Se desejar fazer o download do arquivo
20   <a href="./musicas/Sepultura-GuardiansOfEarth.mp3">clique aqui</a>.</p>
21 </audio>
22 </body>
23 </html>
```

# Fundamentos



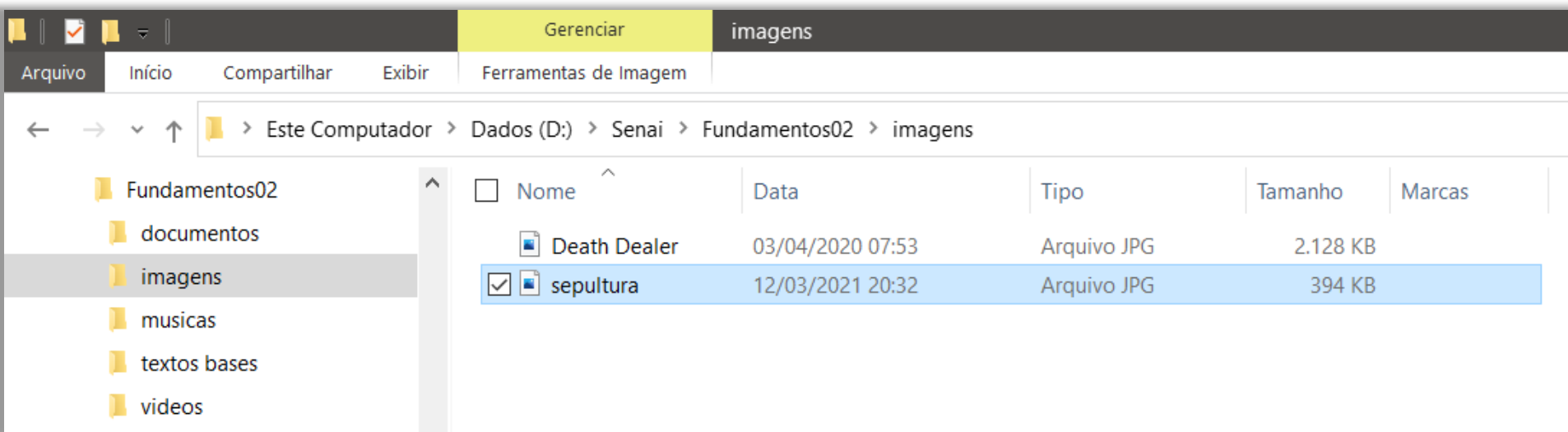
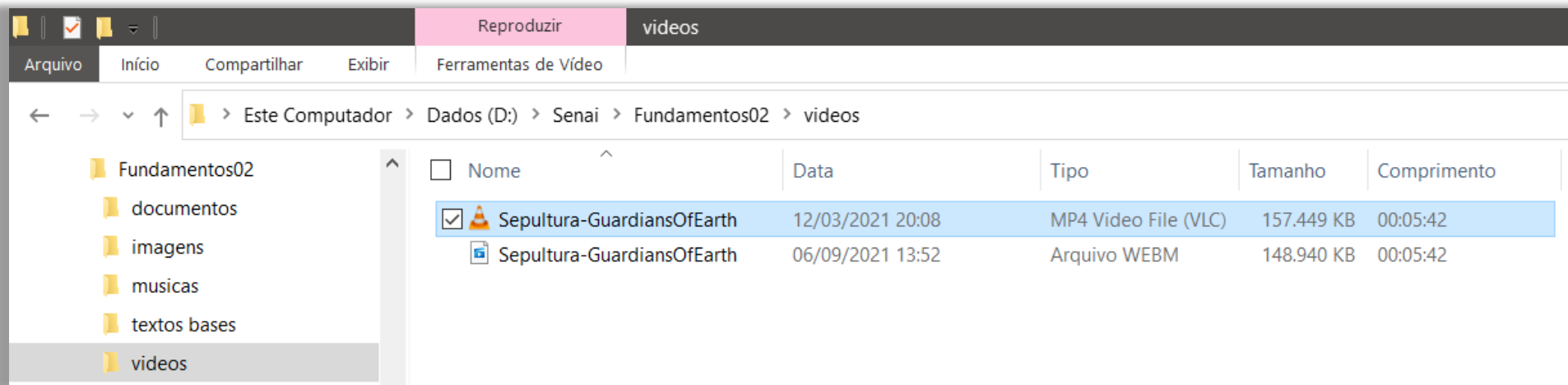


# Vídeo

# Vídeo

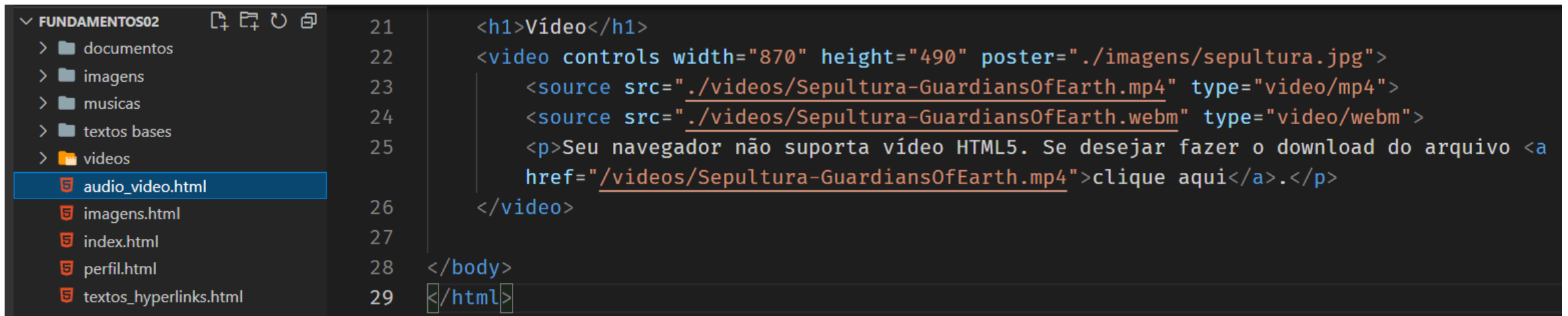
- <video>
  - <source>
  - controls
  - autoplay
  - loop
  - poster
  - width
  - height

[https://developer.mozilla.org/pt-BR/docs/Learn/HTML/Multimedia\\_and\\_embedding/Video\\_and\\_audio\\_content](https://developer.mozilla.org/pt-BR/docs/Learn/HTML/Multimedia_and_embedding/Video_and_audio_content)



<https://developer.mozilla.org/pt-BR/docs/Web/Media/Formats>

# audio\_video.html



```
21 <h1>Vídeo</h1>
22 <video controls width="870" height="490" poster="./imagens/sepultura.jpg">
23   <source src="./videos/Sepultura-GuardiansOfEarth.mp4" type="video/mp4">
24   <source src="./videos/Sepultura-GuardiansOfEarth.webm" type="video/webm">
25   <p>Seu navegador não suporta vídeo HTML5. Se desejar fazer o download do arquivo <a
26     href="./videos/Sepultura-GuardiansOfEarth.mp4">clique aqui</a>.</p>
27 </video>
28 </body>
29 </html>
```

# Fundamentos

Áudio e Vídeo


Arquivo | D:/Senai/Fundamentos02/audio\_video.html

- [Pagina inicial](#)

## Áudio

▶ 0:00 / 5:11

## Vídeo

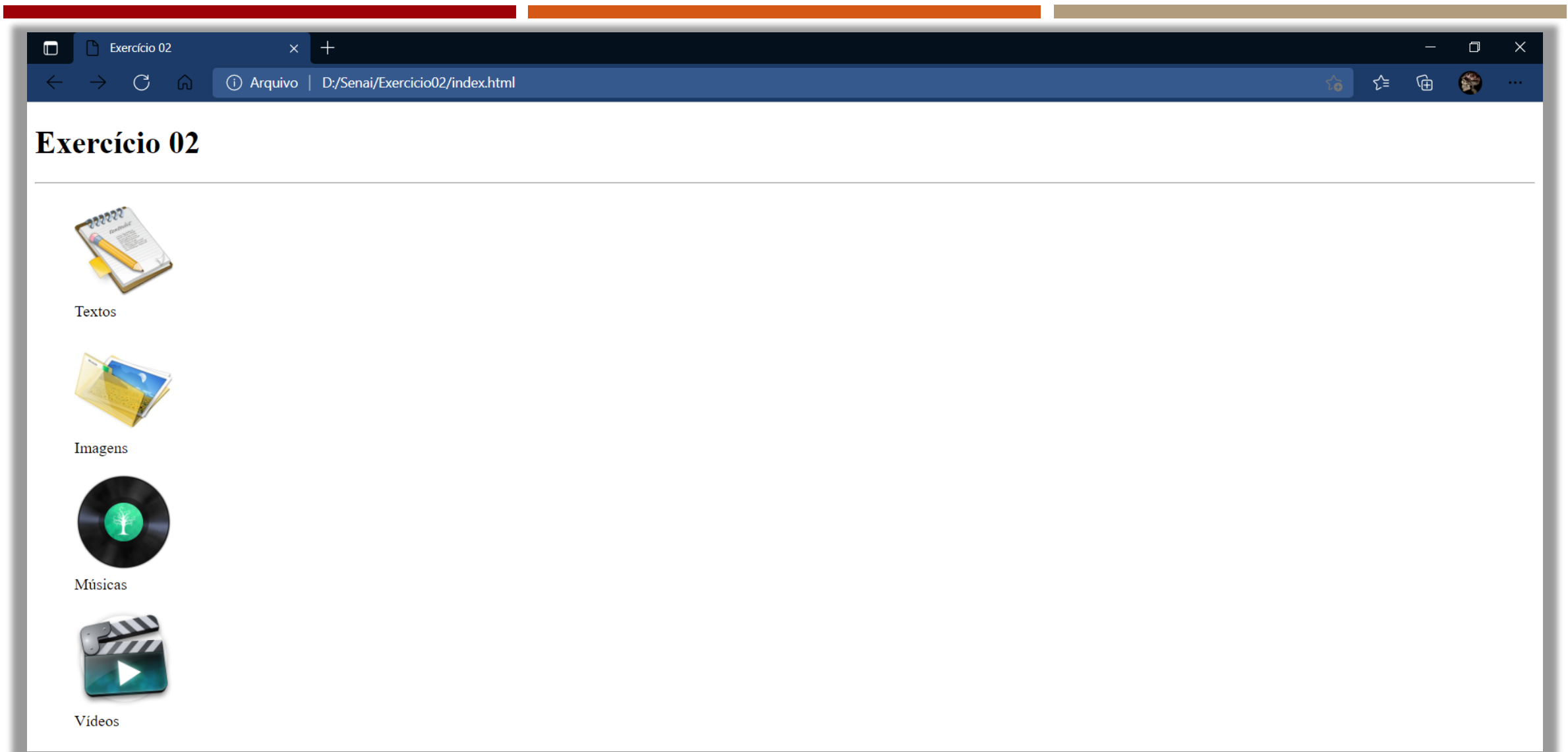


▶ 0:00 / 5:42



# Exercício







“Não existe um caminho para a felicidade.  
A felicidade é o caminho”

Autor desconhecido.