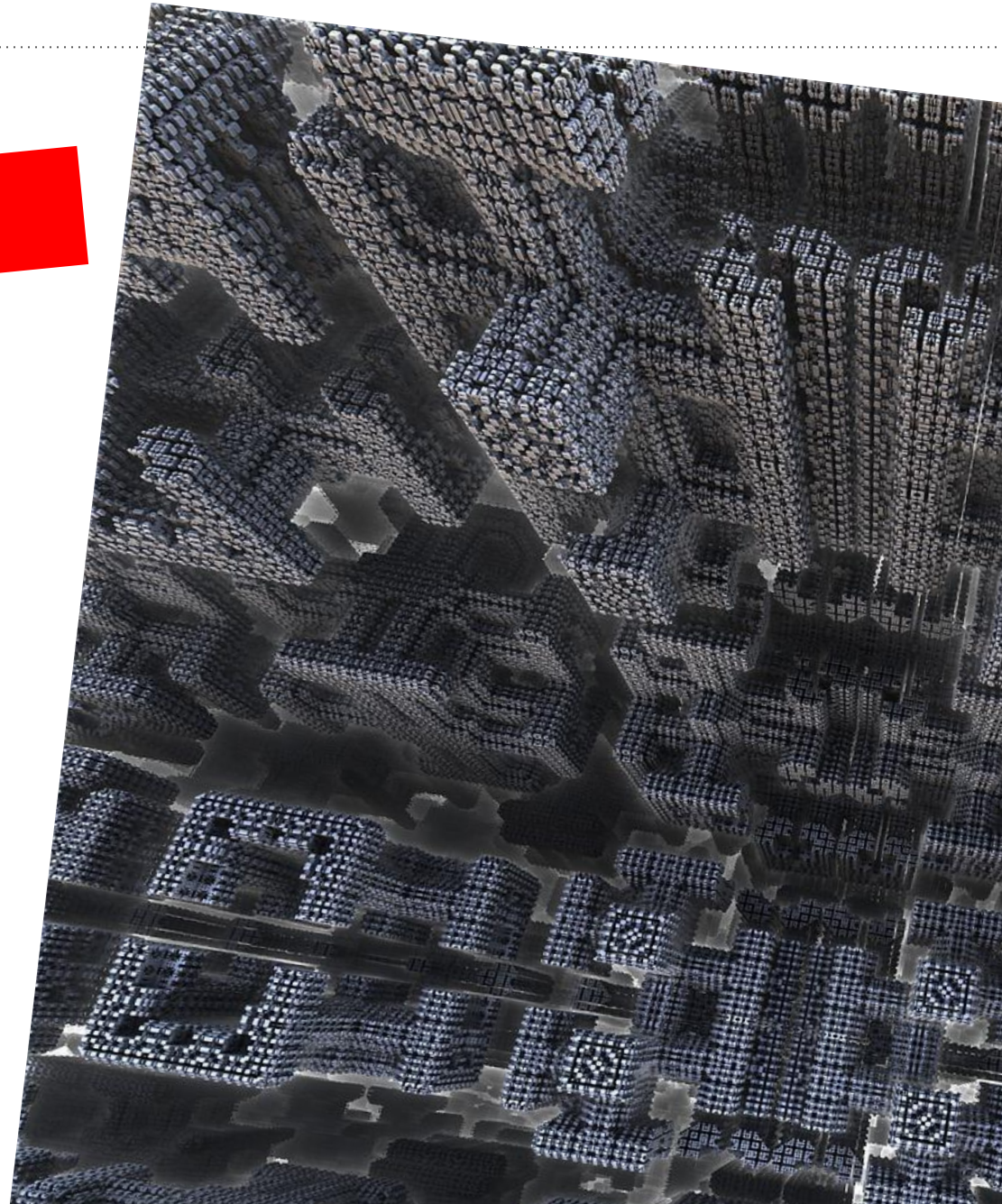# Learn

HTML

Language of the Web

Part Three of Four

Building the website structure

HTML 5 elements

- Make sure that your are in your actual website folder
- Make **<div>** to be **<article>**

Some of HTML semantic elements:

- <article>
- <aside>
- <details>
- <figcaption>
- <figure>
- <footer>
- <header>

- <main>
- <mark>
- <nav>
- <section>
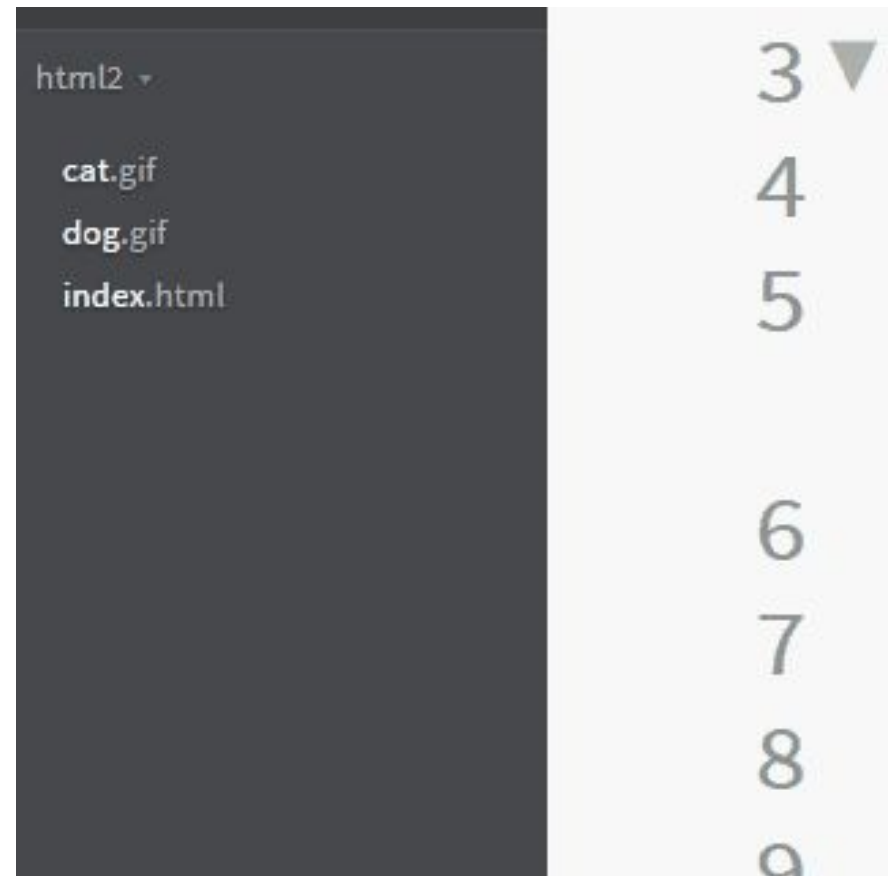- <summary>
- <time>

HTML

Create new files

In your **HTML** folder, create:

cat.html

dog.html

- You right click on left files area > **New File**
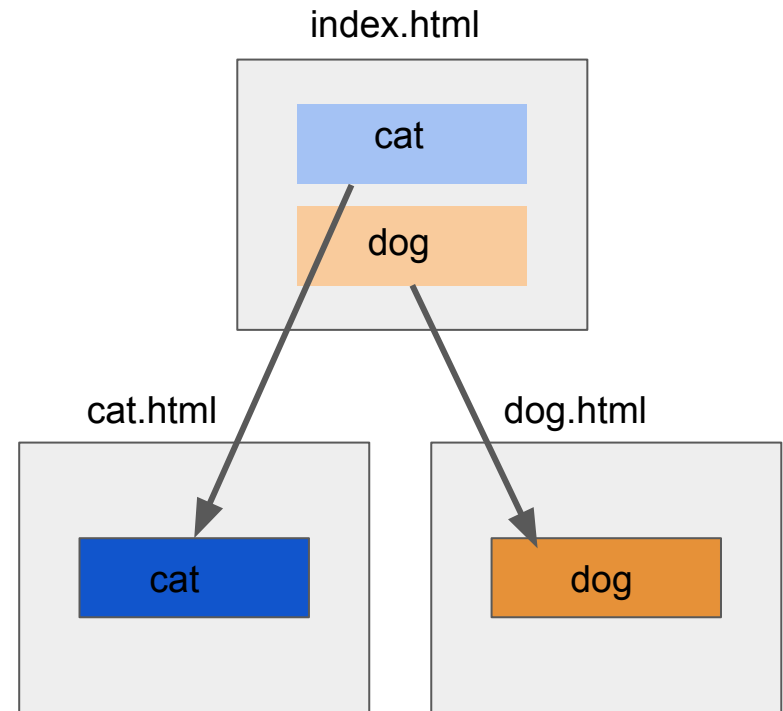- Type in the **file name**
- Press **enter key**

Move stuff around

Cut and paste:

- dog article to **dog.html**
- cat article to **cat.html**

leave your **index.html** empty

Reminder:

- **Cut**: ctrl + x   **Paste**: ctrl + v
- **Save**: ctrl + s

index.html

cat

dog

cat.html

cat

dog.html

dog

Defining style rules

Create file: **style.css**

(create as you did dog.html and cat.html)

- Go to your **dog.html**
- Cut the inside of **<article> style** and create new css rule on **<article>**
- Paste style code to new rule. See your update style.css
- Repeat the same for **<h3> style**

```
1 ▼ <article style="background-color: Azure">
2       <h3 style="color: Blue">Dog</h3>
3 ▼     <p>The dog is a mammal with
4           <strong>sharp</strong>
5           teeth, an excellent sense of smell, a
6       </p>
7       <img src="dog.gif">
8 </article>
```

HTML skeleton

<head></head>

<body></body>

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Writing the **html skeleton**

- In your empty index.html, write skeleton using **DOCTYPE**, **html**, **head** and **body** tags

```
<!DOCTYPE html>
<html>
    <head></head>
    <body></body>
</html>
```

Link our stylesheet and apply skeleton

- Add the **<title>** tag and the **<link>** tag to the **head**
- Copy the skeleton and add to both **cat.html** and **dog.html**
- Cut and paste article in both files inside **<body>** tag

```
<head>
    <title>Pets</title>
    <link rel="stylesheet" href="style.css">
</head>
```

Linking our pages

- In **index.html**, Add the **<nav>** tag (navigation) inside **body**
- Add links to two of our pages,
  as well as homepage with **<a>** tag
- Add our navigation to both **cat.html** and **dog.html**

```
<nav>

    <a href="index.html">Pets home</a>

    <a href="cat.html">Cat</a>

    <a href="dog.html">Dog</a>
</nav>
```

Classes

- Add the dog class to your **dog.html** body
- Add the cat class to your **cat.html** body

dog.html

```
<body class="dog">
```

cat.html

```
<body class="cat">
```
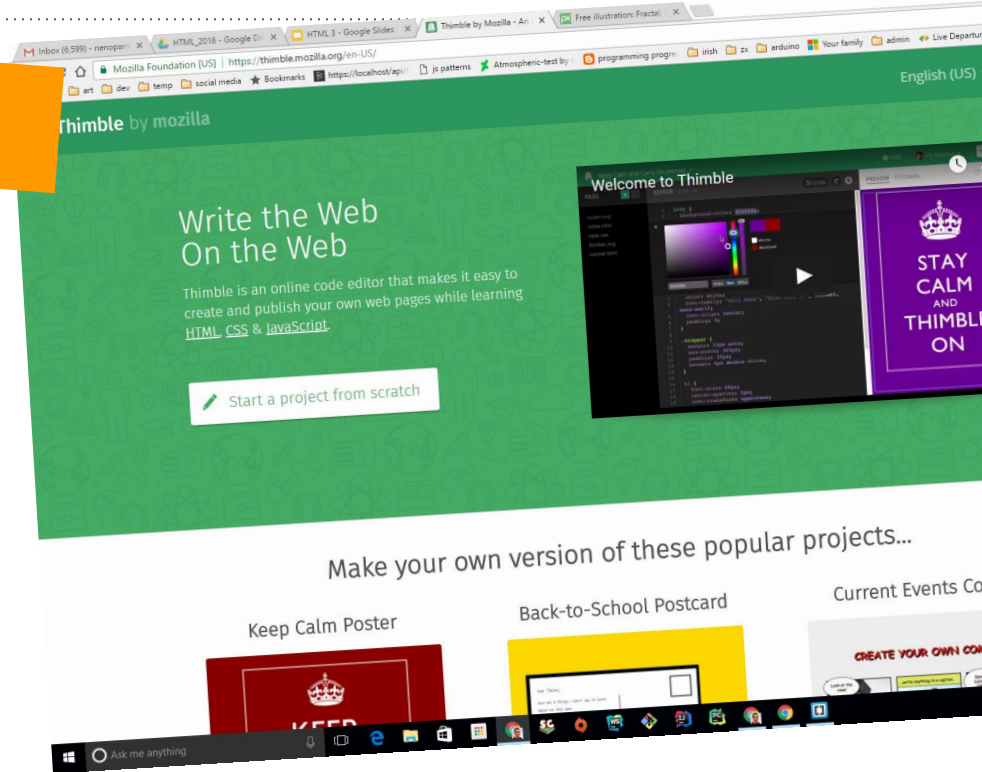
Improving styles

```css
.cat article {

    background-color: Linen;

}

.cat h3 {

    color: Firebrick;

}

.dog article {

    background-color: Azure;

}


.dog h3 {

    color: Blue;

}
```

- Move **styles** from **dog.html** to **style.css**,
- make separate rules for **.cat** and the **.dog**

Prepare for great finale

- Register for free account (you'll need an email)
- It uses brackets engine
- Benefit of being able to publish pages online

thimble.mozilla.org

That's all for now, folks!

What we learned in this lesson:

- How to make **multiple** web pages
- proper styling with **stylesheets**
- How to add **html skeleton**
- How to **link** our pages together

Next up: **More styling with CSS, Interactivity with JavaScript, publish pages via thimble.mozilla.org**