

HTML

HTML FUNDAMENTALS

Start in 5 min



IN A ROCKET

Learn front-end development at *rocket speed*

LET'S LEARN HTML!

IN THIS MODULE YOU'LL LEARN:

- ☐ What is **HTML**.
- ☐ Why HTML is a **markup language**.
- ☐ How is its **basic structure**.
- ☐ How to create **your first HTML in 5 minutes**.

WHAT IS HTML

Is it a programming language? How is it related to CSS & JavaScript?



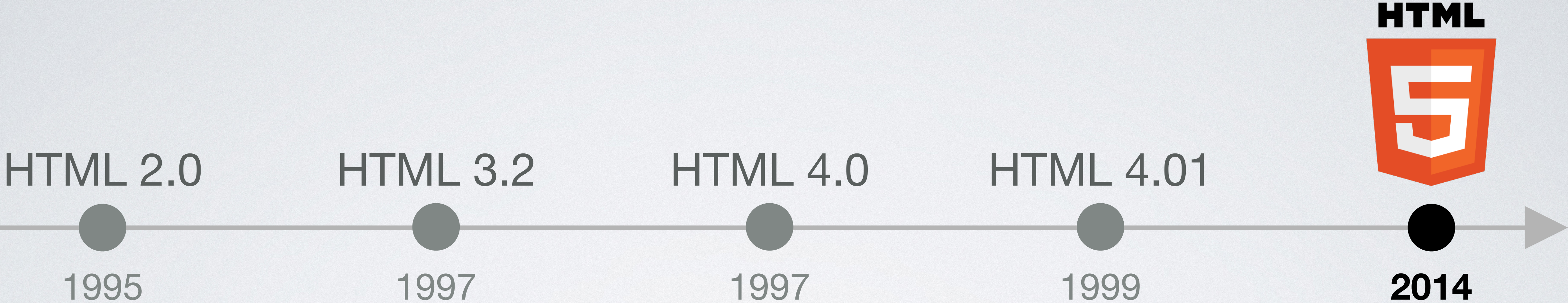
WEB PAGE

HTML

Hyper**T**ext **M**arkup **L**anguage

HTML is a markup language, not a programming language.

W3C'S HTML RECOMMENDATIONS TIMELINE



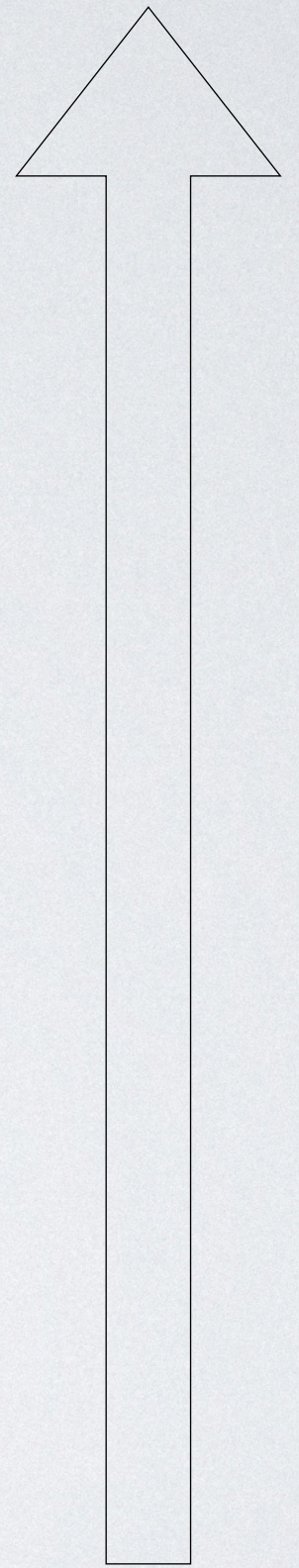
THE W3C RECOMMENDATION TRACK



RECOMMENDATION



PROPOSED RECOMMENDATION

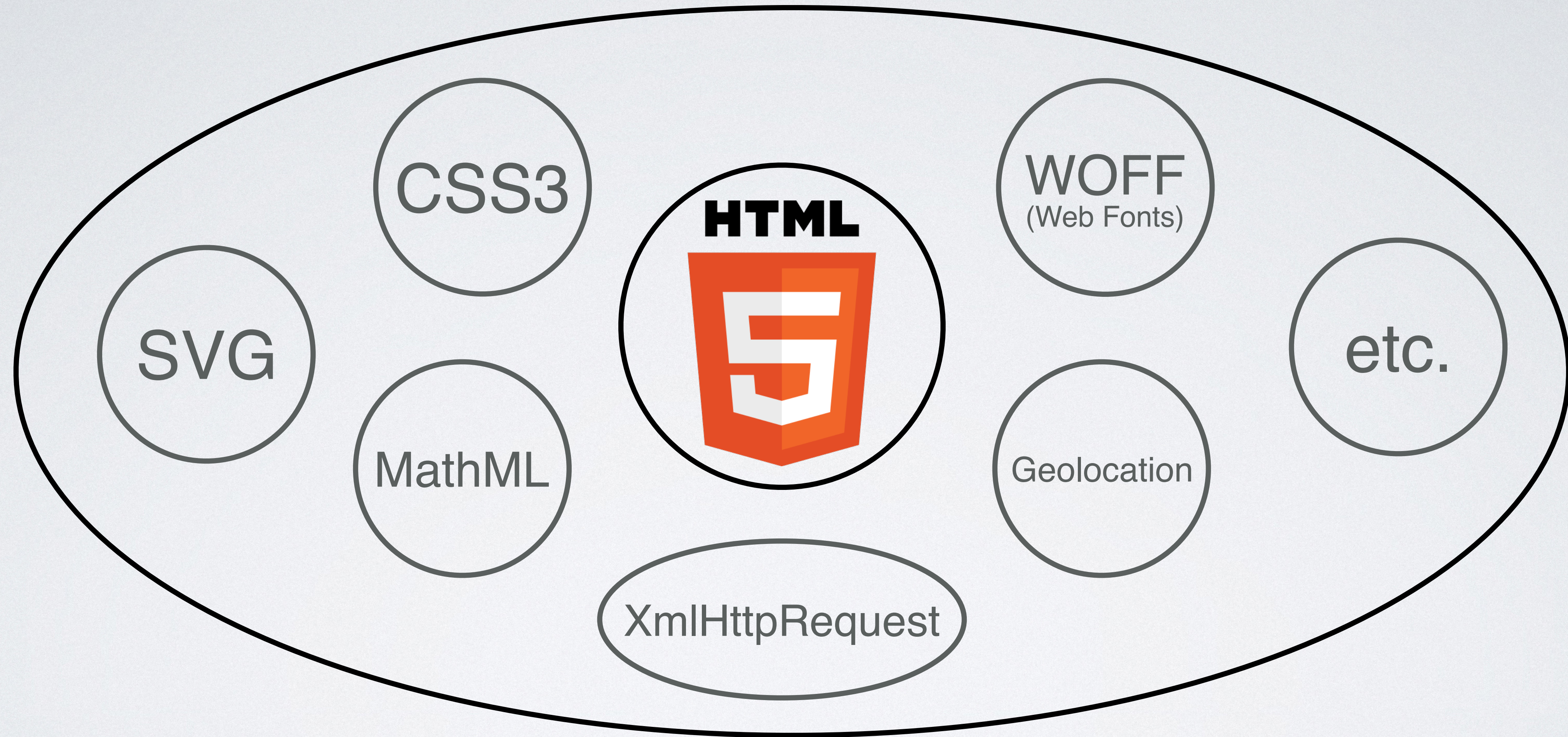


CANDIDATE RECOMMENDATION

LAST CALL

WORKING DRAFT

HTML5 IS PART OF THE OPEN WEB PLATFORM



SOURCE: [Open Web Platform by W3C](#).

HTML MARKUP

What is its goal? How is coded?

A markup language is used to
structure and define content semantically.

Soon you will learn how to use CSS to control its presentation.

Element

`<h1>`I'm a header`</h1>`

Opening
Tag

Content

Closing
Tag

Element

`<p>`I'm a paragraph`</p>`

Opening
Tag

Content

Closing
Tag

BASIC HTML STRUCTURE

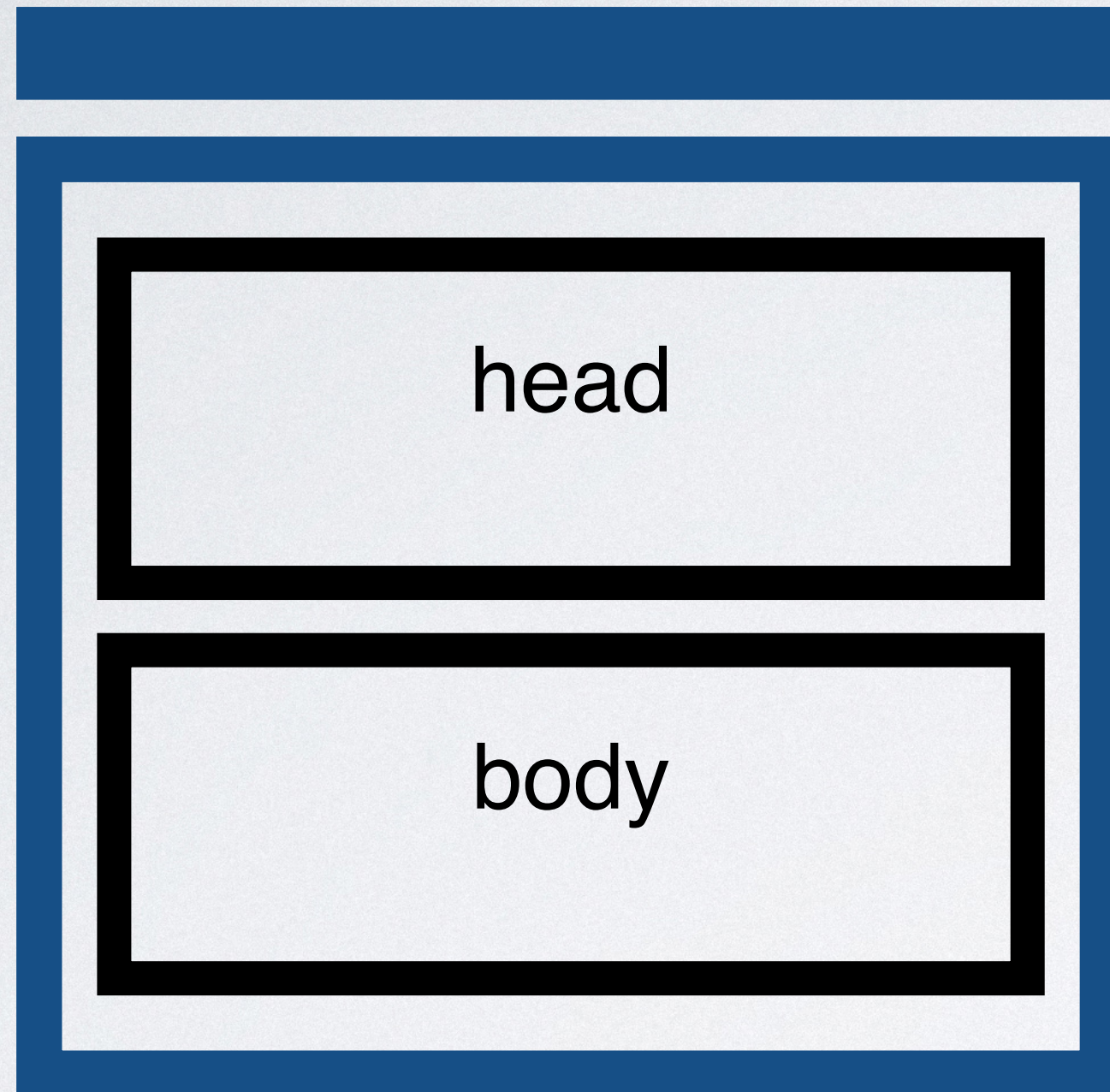
What elements are involved? How to use them in your code?

BASIC HTML STRUCTURE

HTML structure

DOCTYPE

html



HTML code

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

Page metadata goes here.

```
  </head>
```

```
  <body>
```

Page content goes here.

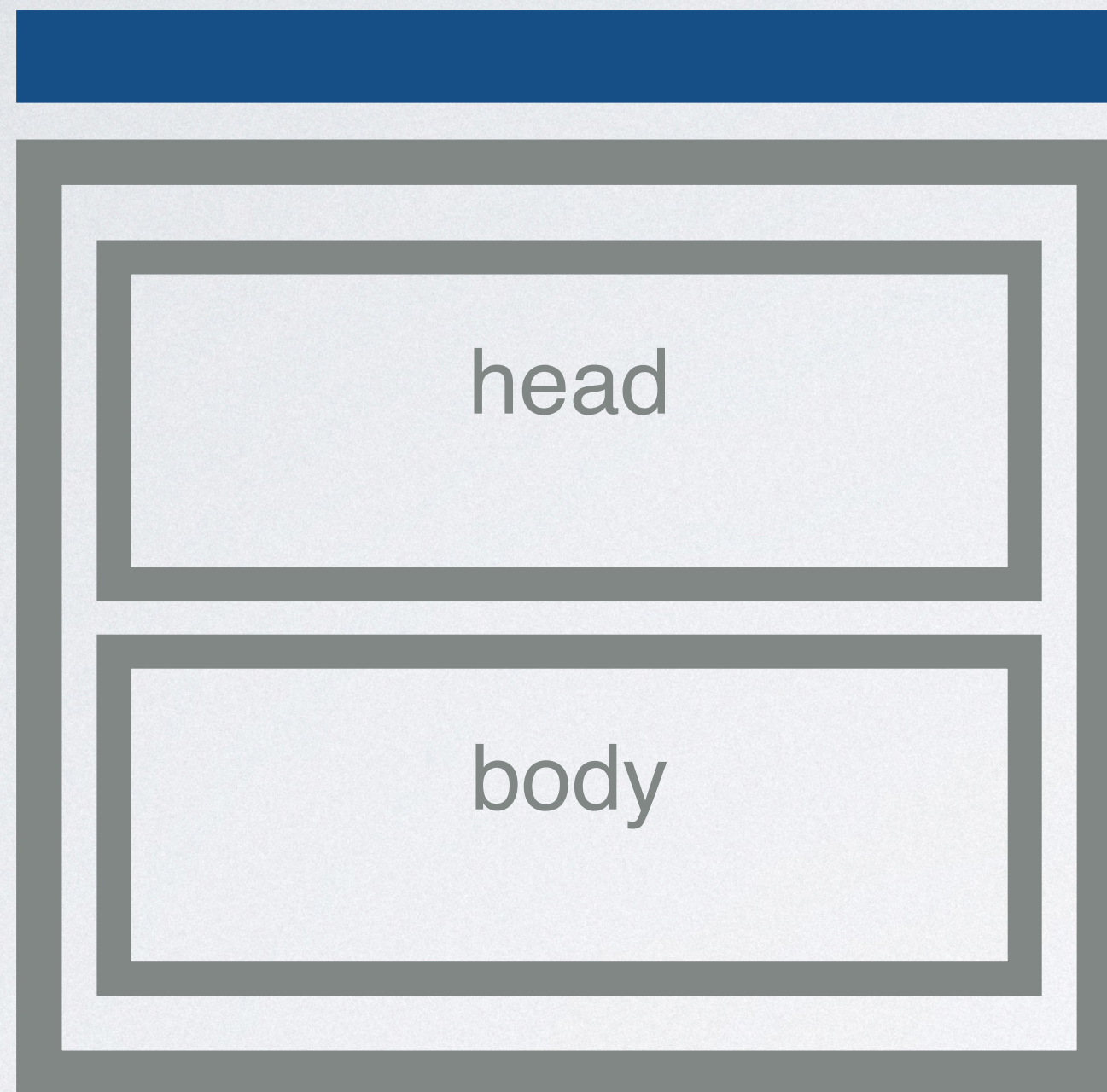
```
  </body>
```

```
</html>
```


HTML structure: DOCTYPE

DOCTYPE

html

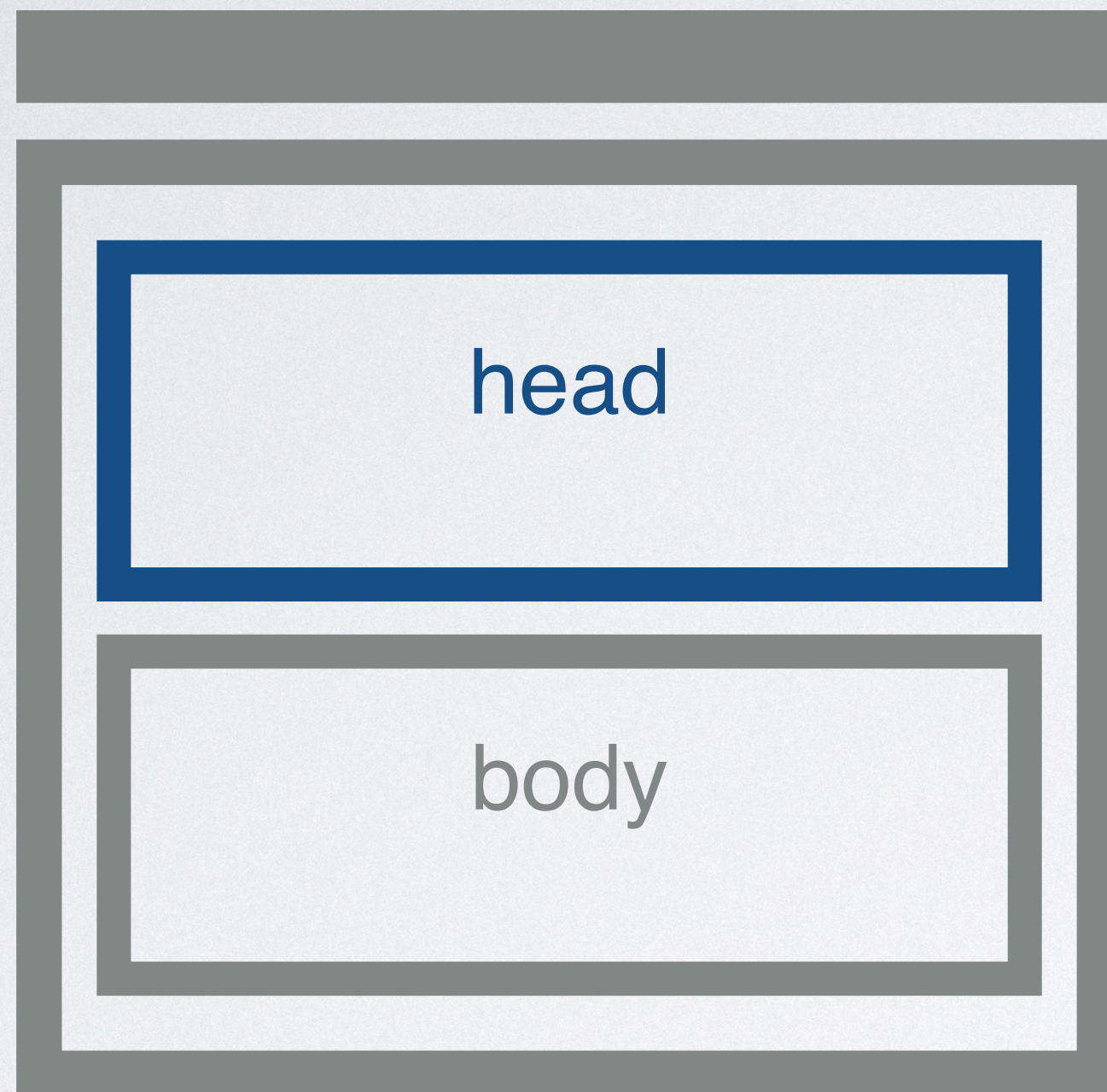


DOCTYPE (Document Type Declaration) tells the browser / parser what type of document is processing. Should always be the first item of any HTML file.

HTML structure: head

DOCTYPE

html



Use **head** to include information about the document (title, language, etc.). But for the title, head content is not shown to users.

BASIC HTML STRUCTURE

HTML structure: head

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Page title goes here</title>
```

```
  </head>
```

```
  <body>
```

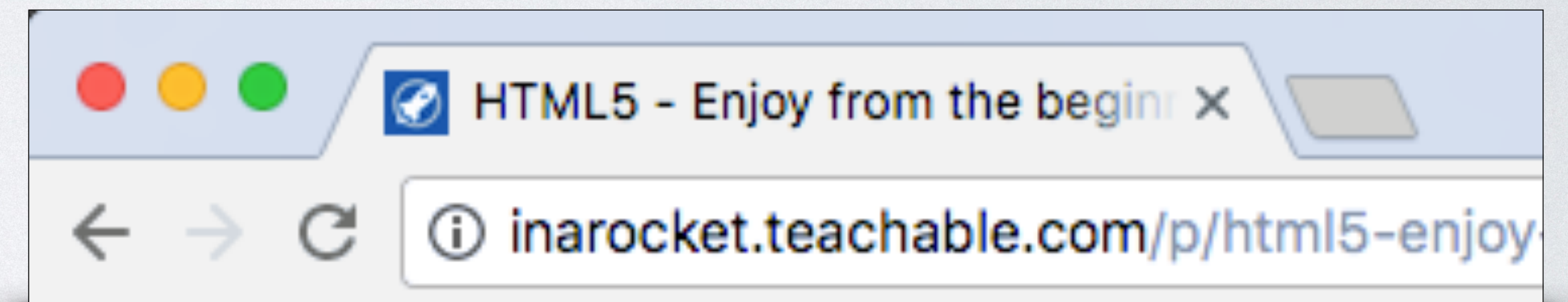
```
    Page content goes here.
```

```
  </body>
```

```
</html>
```

Use **head** to include your page's **title**.

Browsers will show it in the tab for your page.



Search engines will display that title in their results.

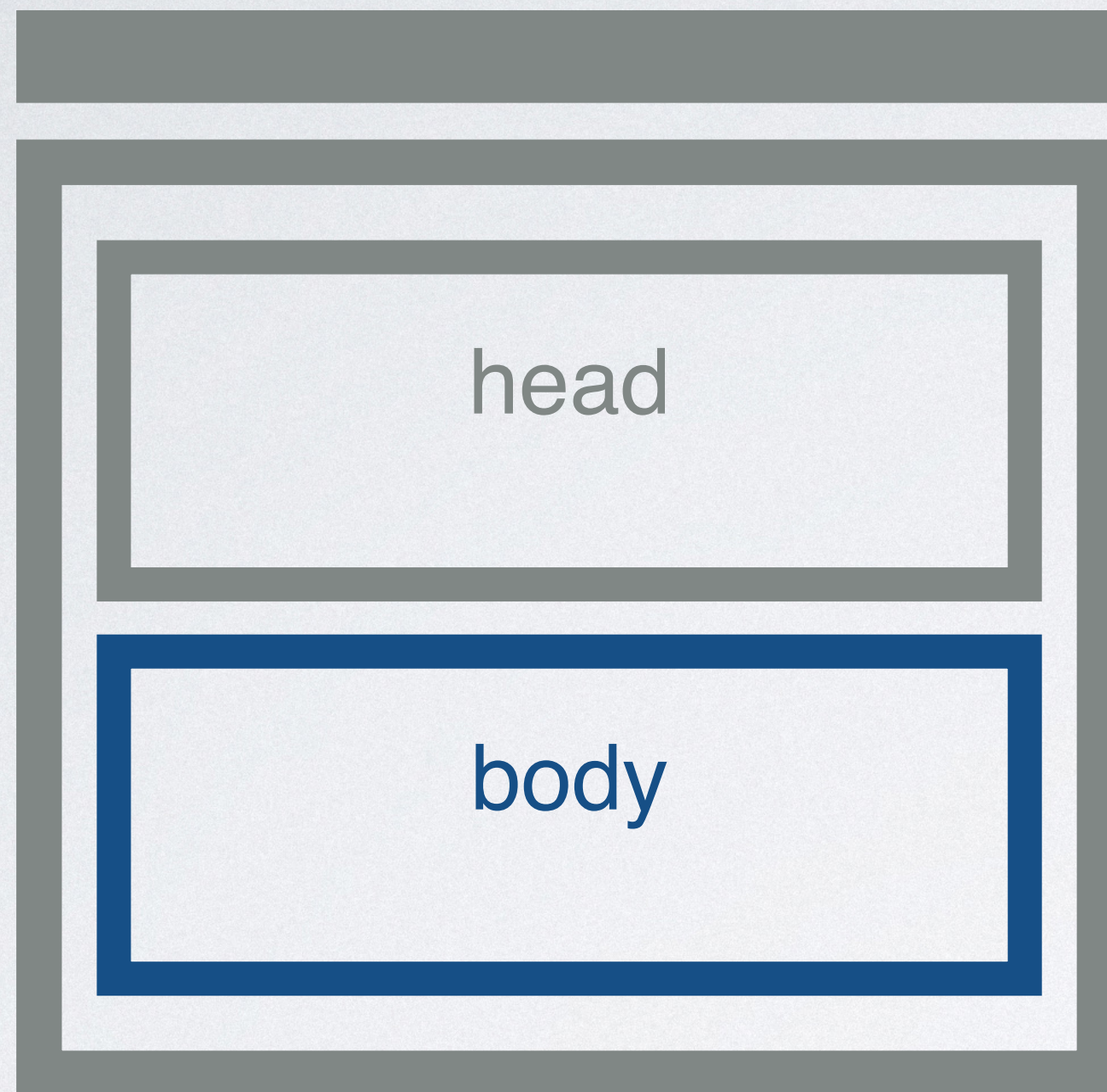
HTML5 - Enjoy from the beginning | In a Rocket
inarocket.teachable.com/p/html5-enjoy-from-the-beginning ▼
Enjoy getting started with HTML5 and building a website with ready-to-use code.

BASIC HTML STRUCTURE

HTML structure: body

DOCTYPE

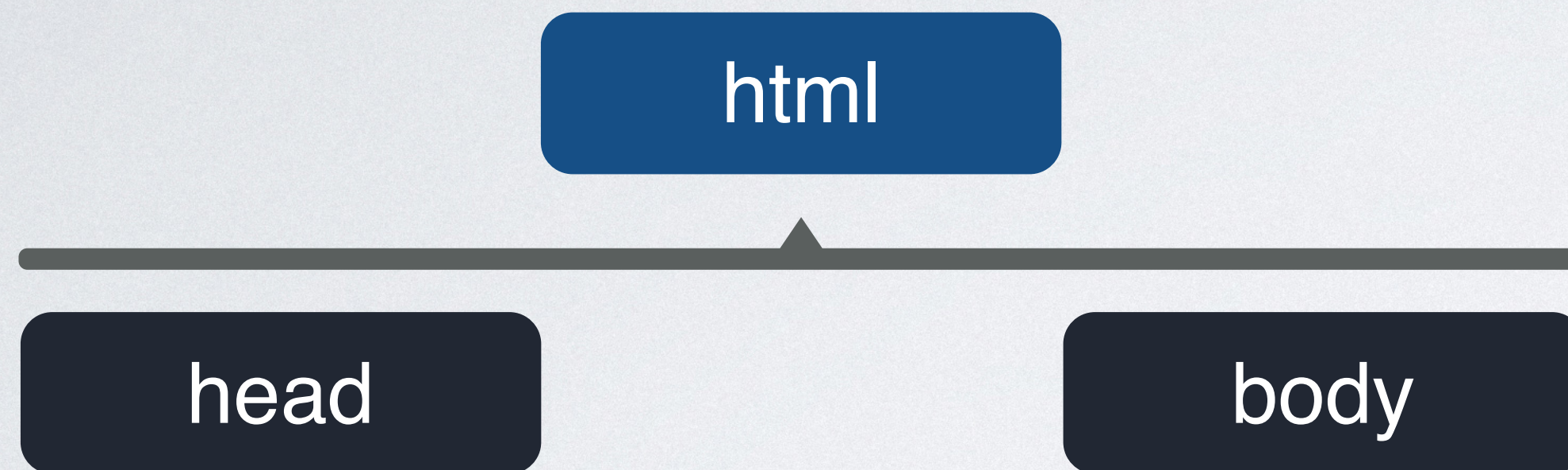
html



Use **body** to include all the content you want to show to your users (text, images, links, etc.).

BASIC HTML STRUCTURE

HTML structure: tree view



HTML code

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

Page metadata goes here.

```
</head>
```

```
<body>
```

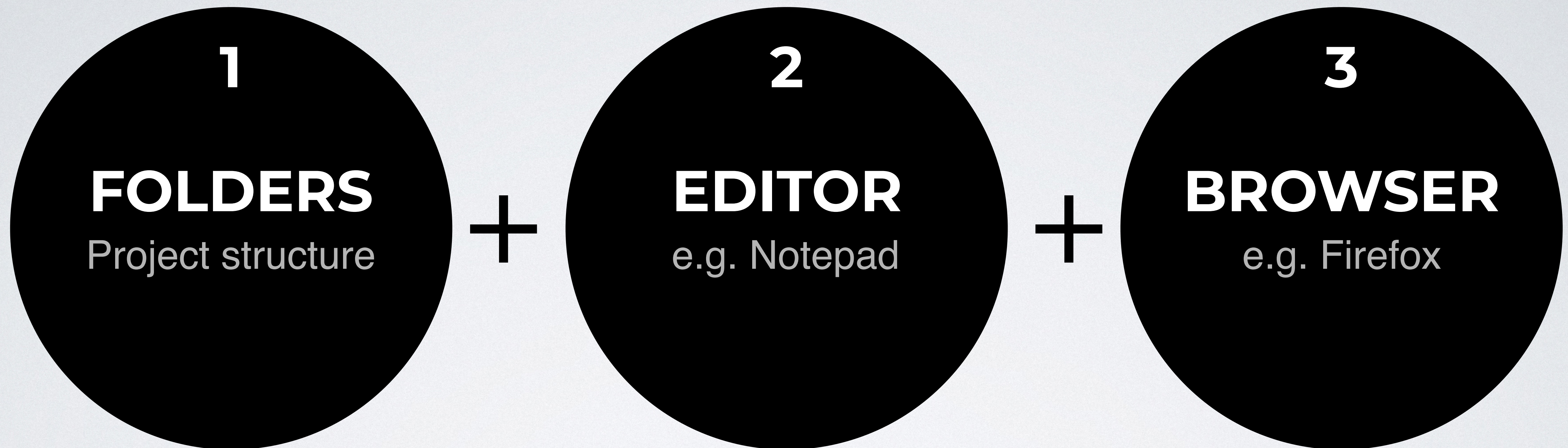
Page content goes here.

```
</body>
```

```
</html>
```

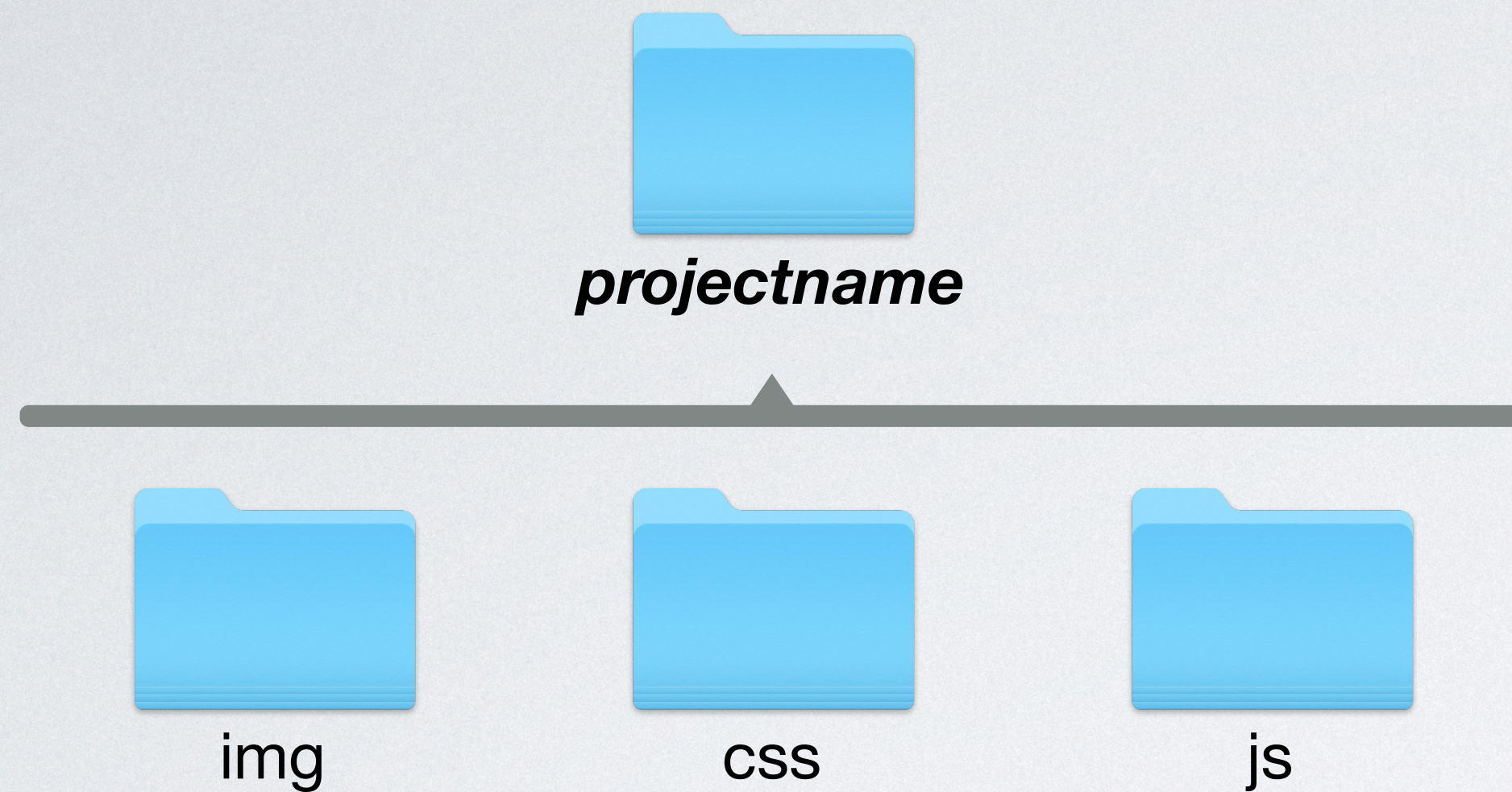

YOUR FIRST HTML

How to create your first HTML document in a couple of minutes?





YOUR FIRST HTML: FOLDERS



Create the folders that will contain the web project on your computer.

projectname:

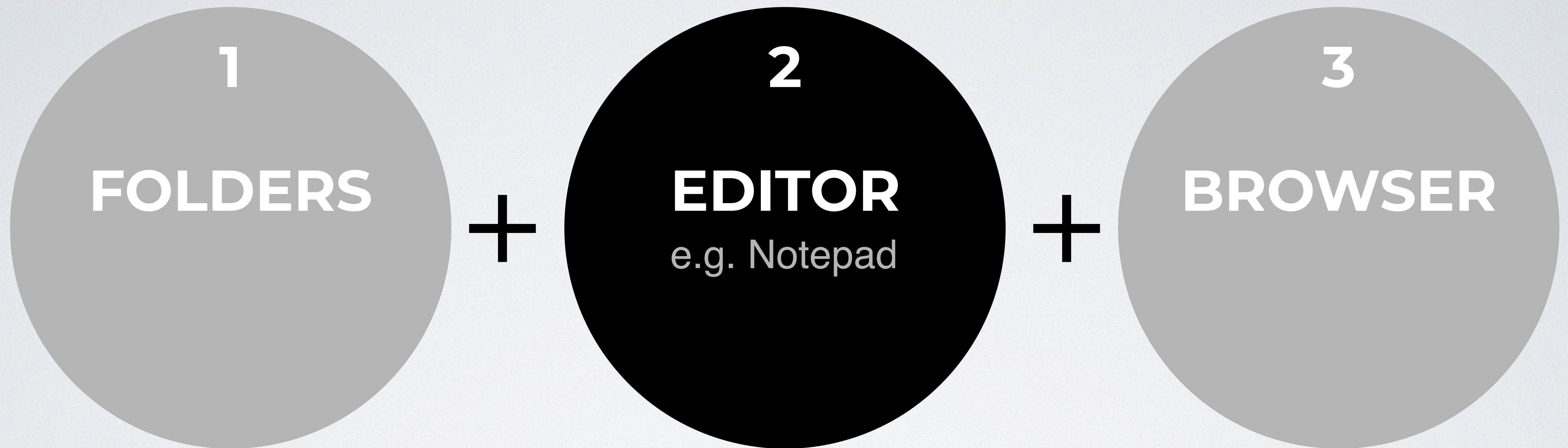
- `img` (will hold your site's graphical assets)
- `CSS` (you will use this folder for your site's stylesheets)
- `js` (will hold scripts to add interactive features to your site)



Important rules for naming folders and files.

- Never use spaces.
- Never use special characters (`%`, `*`, `+`, etc.).
- Avoid uppercases.

YOUR FIRST HTML



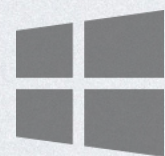
YOUR FIRST HTML: EDITOR

Editor: pre-installed

You can just use any text editor preinstalled in your computer.



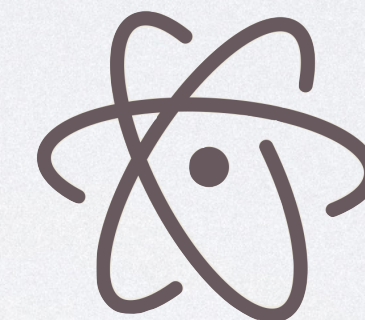
Notepad



TextEdit



Gedit



Atom



Sublime Text



VS Code



Editor: additional

There are other editors but you won't need their advanced features for this course.

YOUR FIRST HTML



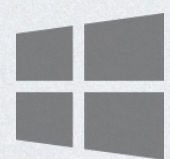
YOUR FIRST HTML: BROWSER

Browser: pre-installed

You can just use any preinstalled browser in your computer.



Edge



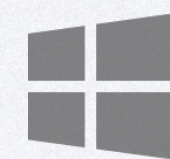
Safari



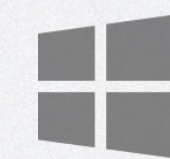
Firefox



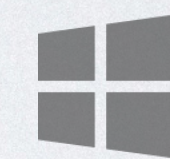
Chrome



Firefox



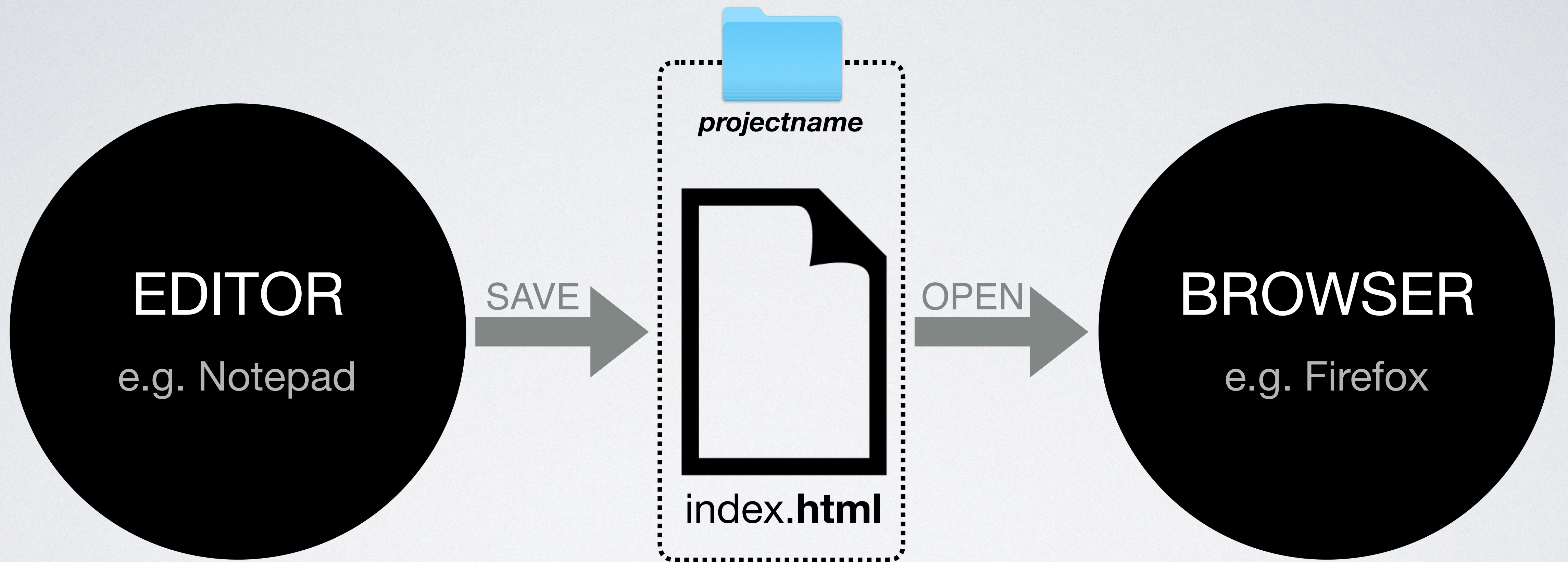
Opera



Browser: additional

There are other browsers that you can also install in your computer.

YOUR FIRST HTML: BASIC WORKFLOW

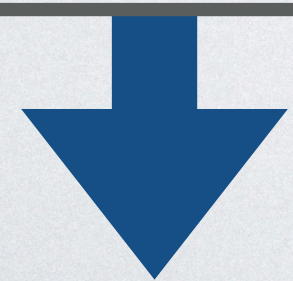


YOUR FIRST HTML: HELLO WORLD!

Editor (what you should write)

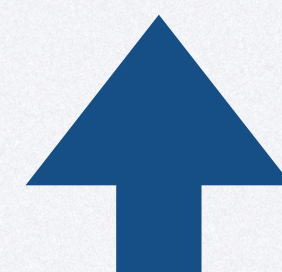
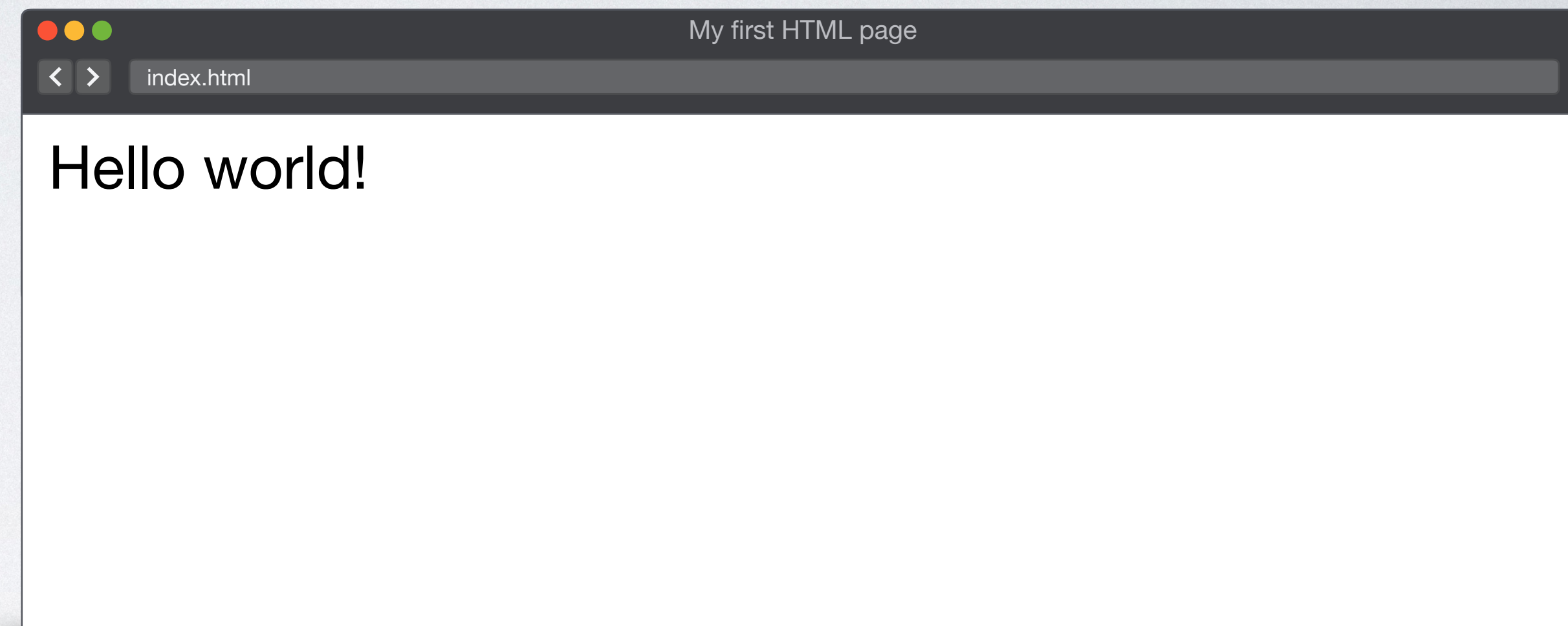
READY TO USE CODE

```
<!DOCTYPE html>
<html>
<head>
  <title>My first HTML page</title>
</head>
<body>
Hello world!
</body>
</html>
```



Save as **index.html**

Browser (what you should view)



Open **index.html** in your browser

CONGRATULATIONS!

YOU'VE LEARNED:

- What is **HTML**.
- Why HTML is a **markup language**.
- How is its **basic structure**.
- How to create **your first HTML in 5 minutes**.

YOU CAN CONTINUE THIS COURSE FOR FREE ON

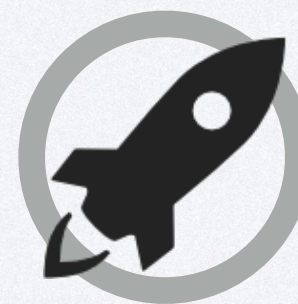
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+ READY TO USE CODE

+ QUIZZES

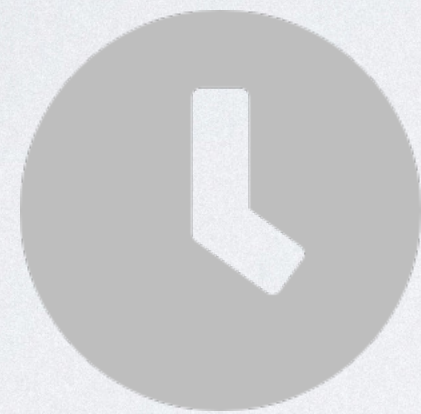
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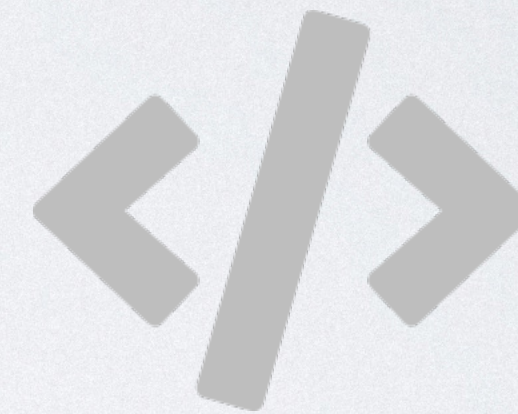
We respect your time

No more blah blah videos. Just straight to the point slides with relevant information.



Step by step guides

Clear and concise steps to build real use solutions. No missed points.



Ready to use code

Real code you can just copy and paste into your real projects.

HTML

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