

Sample Slides for Week 8 (HTML, CSS, JavaScript)

Welcome!

Here you'll find sample slides to adopt or adapt when teaching Week 8, where the course introduces HTML, CSS, JavaScript, and the internet more generally.

Some slides contain speaker notes to illustrate why the sample slides take a certain approach to illustrating a concept or leading an exercise. You're welcome to modify these slides as you see fit, though do try to keep some of the same elements of active learning that have been included in these samples.

This is CS50

	Sat	Sun	Mon	Tue	Wed	Thu	Fri	
Nov.	4	5	6	7	8	9	10	Today
	11	12	13	14	15	16	17	
	18	19	20	21	22	23	24	
	25	26	27	28	29	30	1	
Dec	2	3	4	5	6	7	8	

	Sat	Sun	Mon	Tue	Wed	Thu	Fri	
Nov.	4	5	6	7	8	9	10	HTML, CSS JS
	11	12	13	14	15	16	17	
	18	19	20	21	22	23	24	
	25	26	27	28	29	30	1	
Dec	2	3	4	5	6	7	8	

	Sat	Sun	Mon	Tue	Wed	Thu	Fri	
Nov.	4	5	6	7	8	9	10	
	11	12	13	14	15	16	17	Flask
	18	19	20	21	22	23	24	
	25	26	27	28	29	30	1	
Dec	2	3	4	5	6	7	8	

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	25	26	27	28	29	30	1
Dec	2	3	4	5	6	7	8

**Project
Proposal**

	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Nov.	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
Dec	25	26	27	28	29	30	1
	2	3	4	5	6	7	8

Project

	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Nov.	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	1
Dec	2	3	4	5	6	7	8

**Status
Report**

	Sat	Sun	Mon	Tue	Wed	Thu	Fri
Nov.	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	1
Dec	2	3	4	5	6	7	8

**Project
Due**

Think.

Pair.

Share.

HTTP

HTML

CSS

JavaScript

HTTP

HTML

CSS

JavaScript

```
$ http-server
```

HTTP

HTML

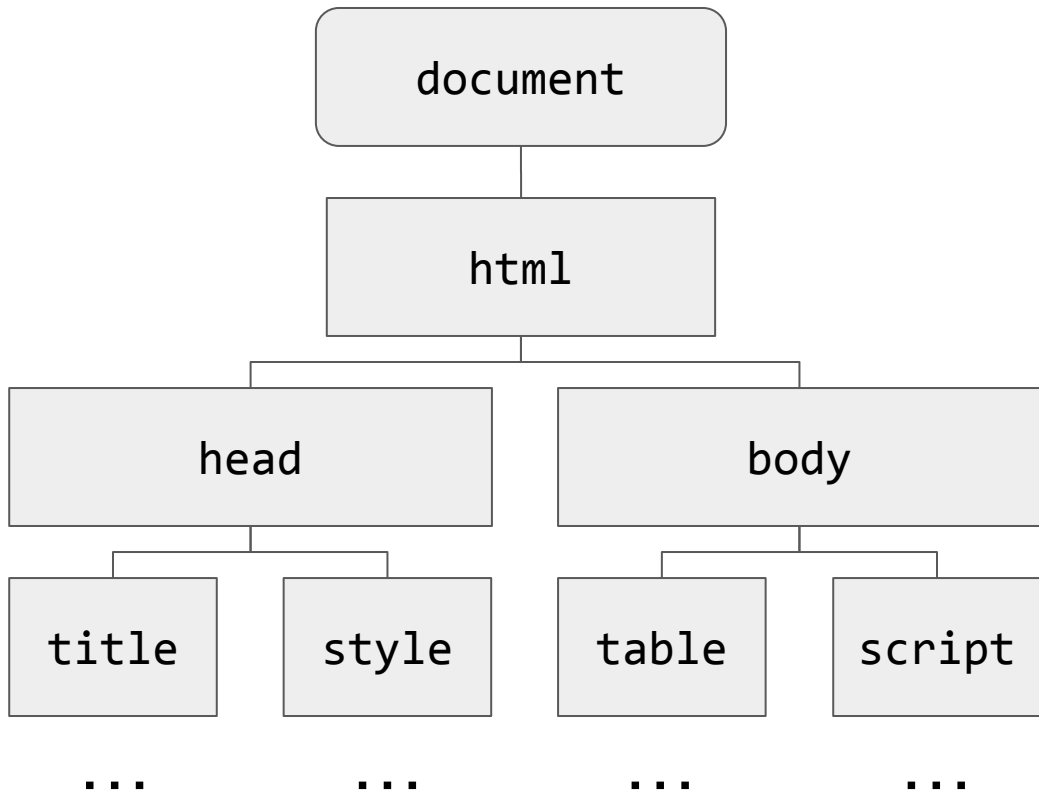
CSS

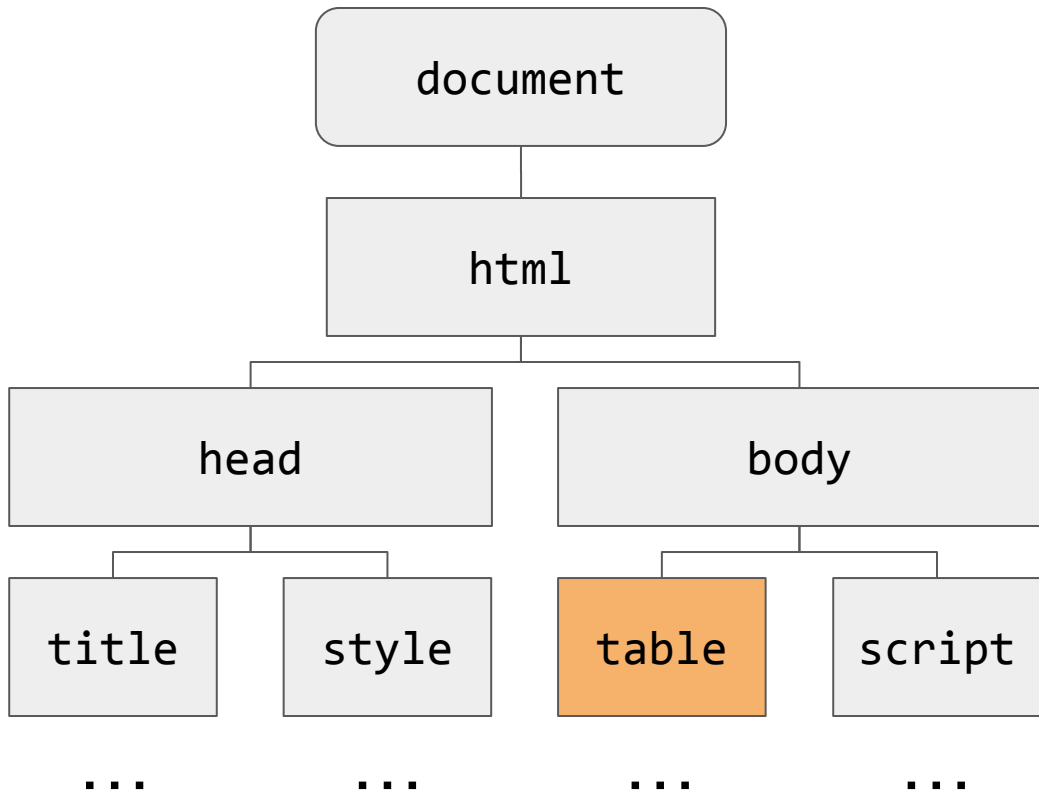
JavaScript

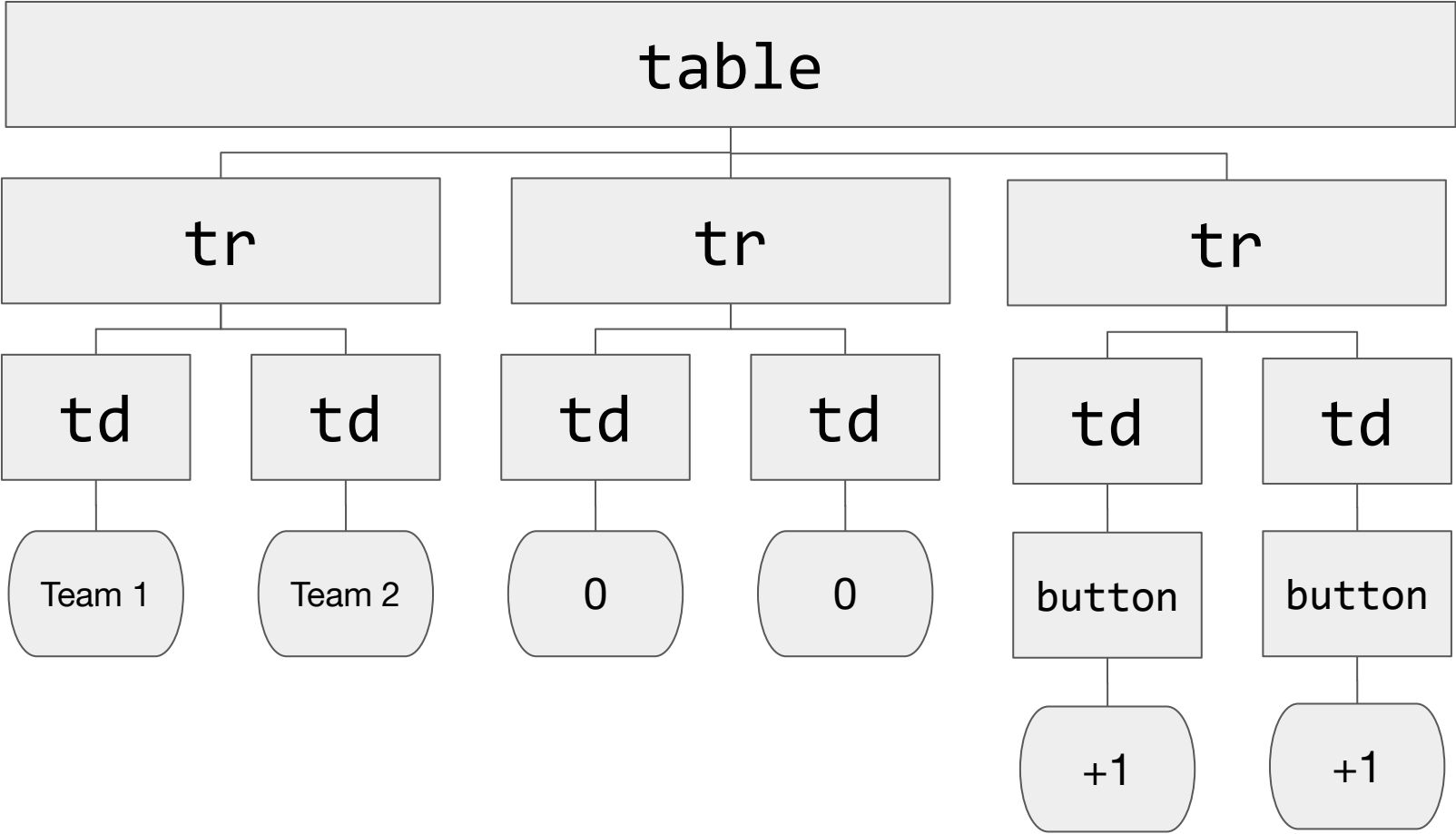
Scoreboard

Download [scoreboard.html](#) from the [Week 8](#) page.

Open the file in [code.cs50.io](#) and explore the HTML elements already in the page.







Scoreboard

In **scoreboard.html**, experiment by adding the following elements:

h1

p

main

header

ul

li

HTTP

HTML

CSS

JavaScript

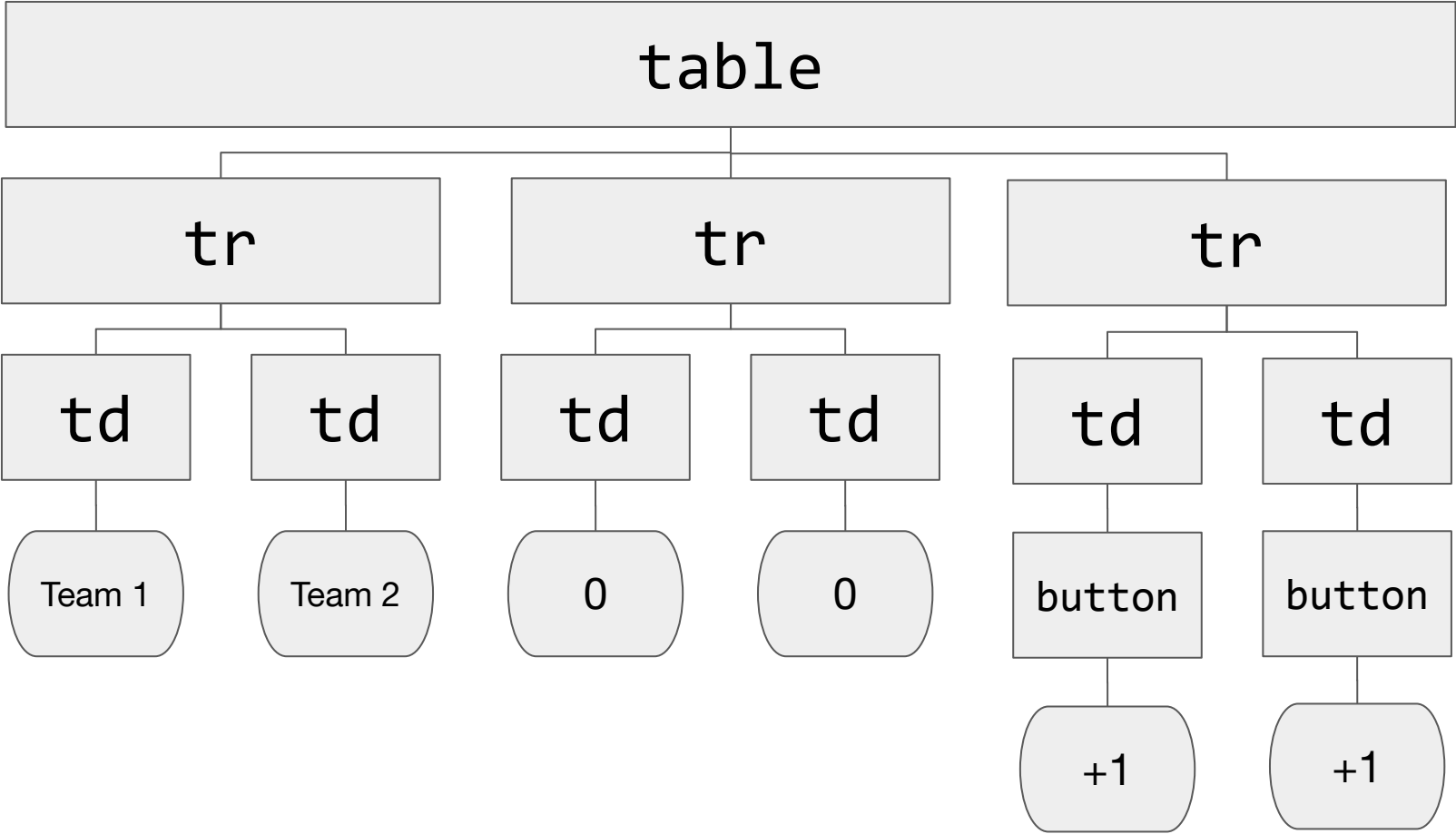
selector

{

property: value;

property: value;

}

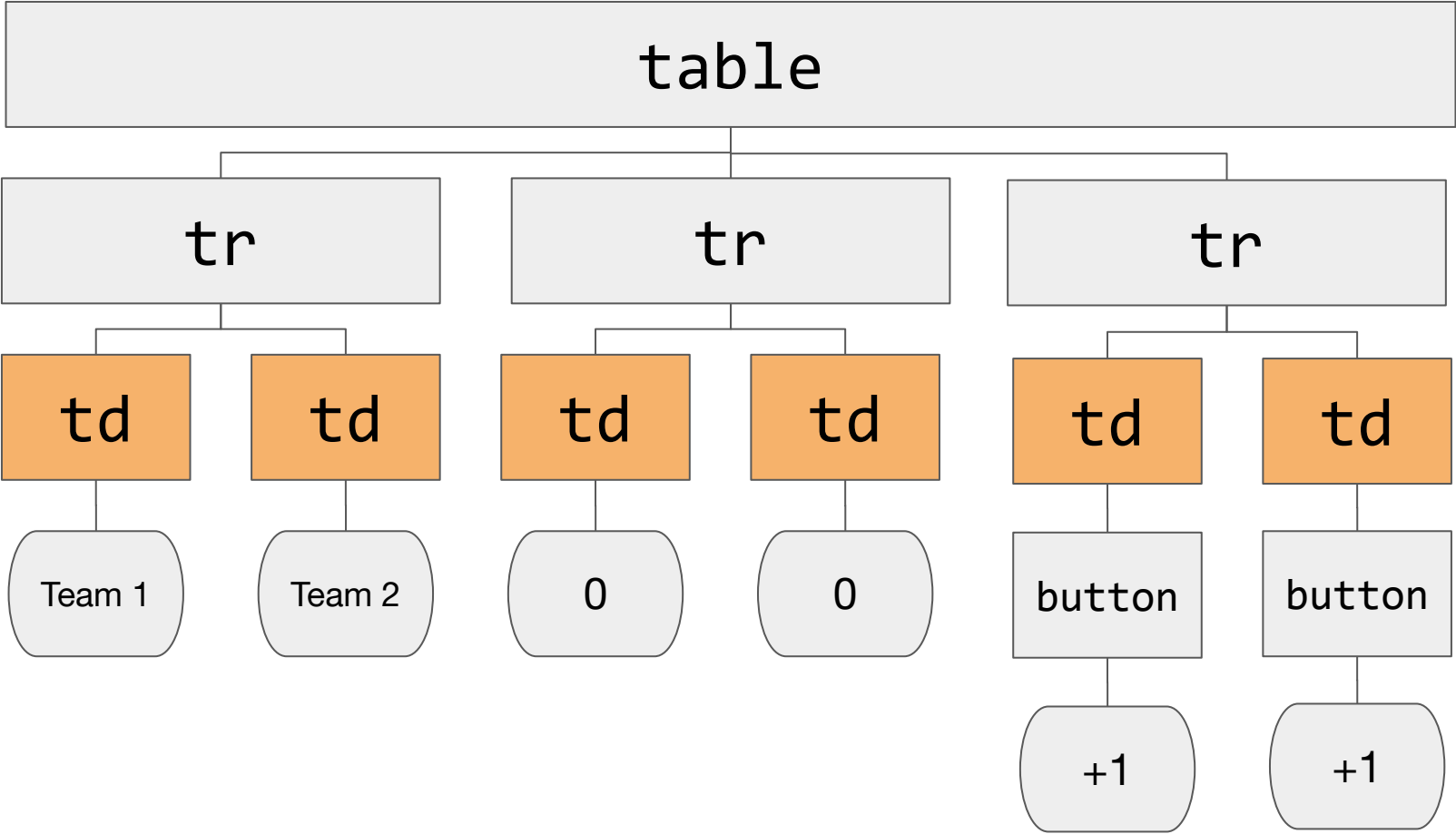


td

{

...

}

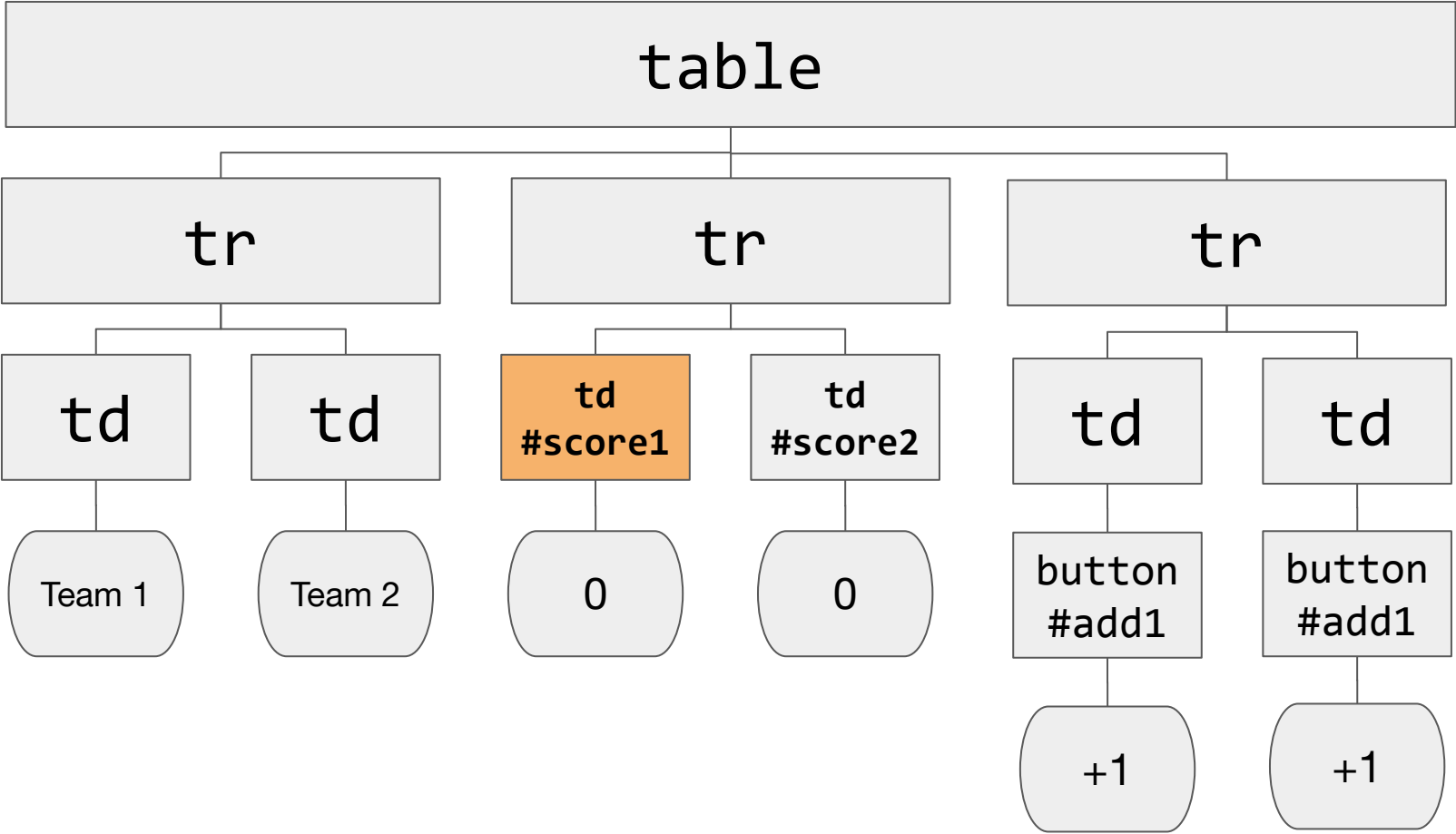



```
#score1
```

```
{
```

```
  ...
```

```
}
```

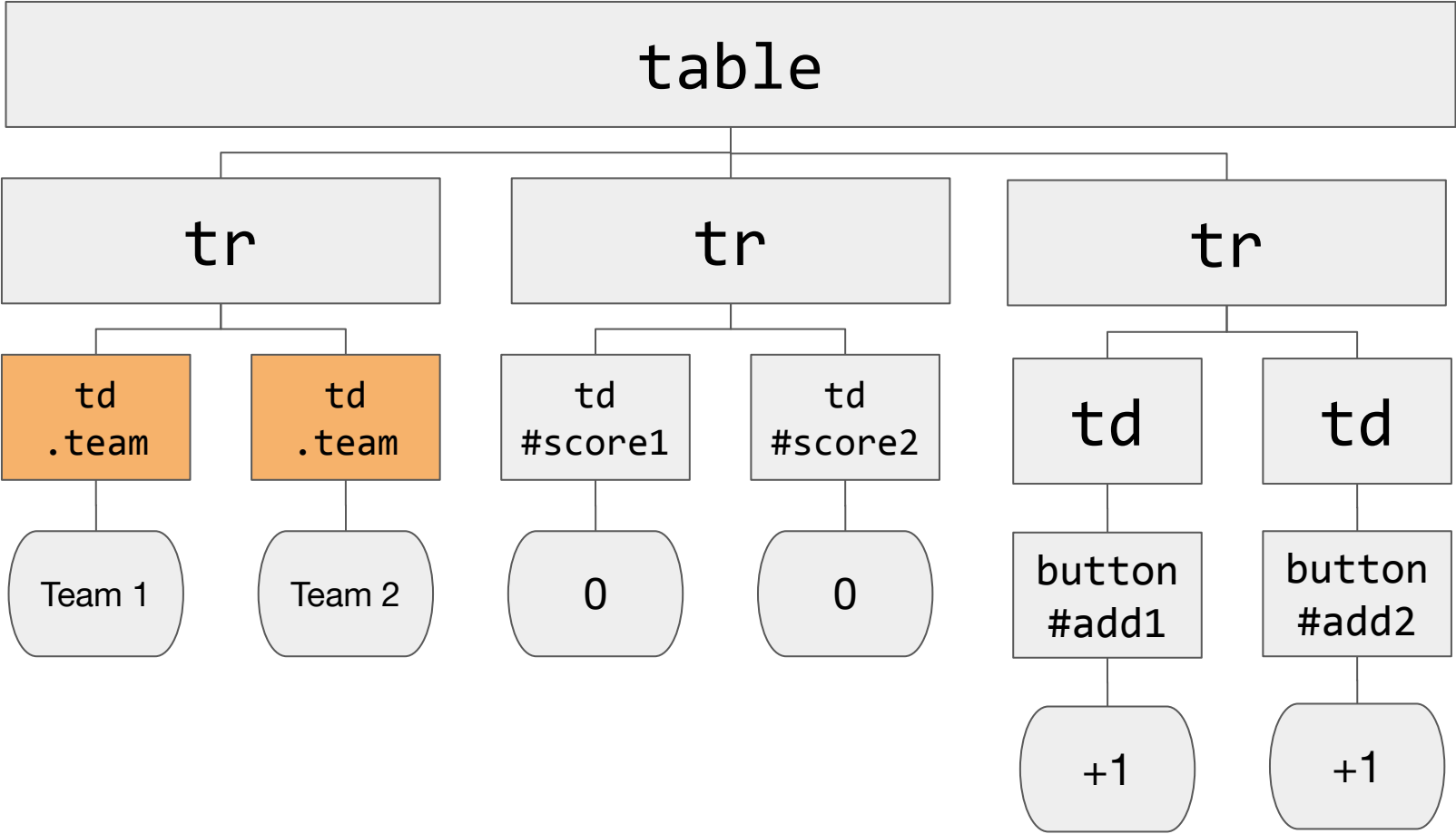


```
.team
```

```
{
```

```
    ...
```

```
}
```



Scoreboard

In `scoreboard.html`, experiment with using an **id selector** and a **type selector**. Try using the following properties, or [go find more yourself!](#)

[color](#)

[background-color](#)

[text-align](#)

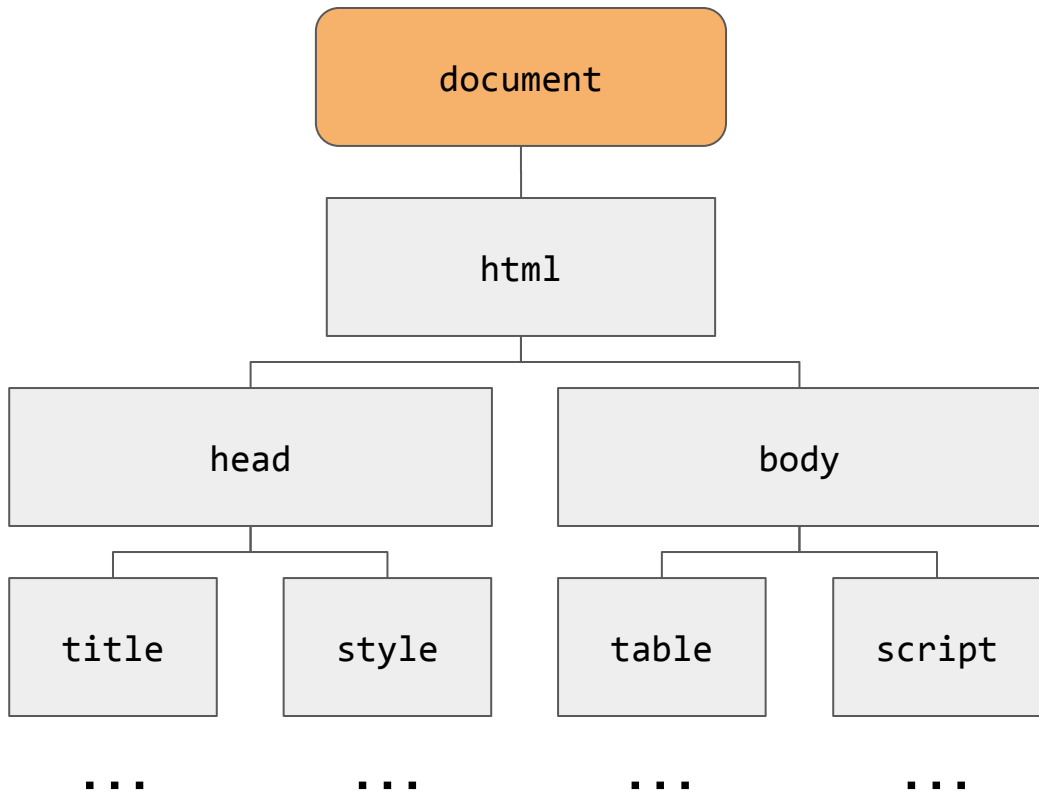
HTTP

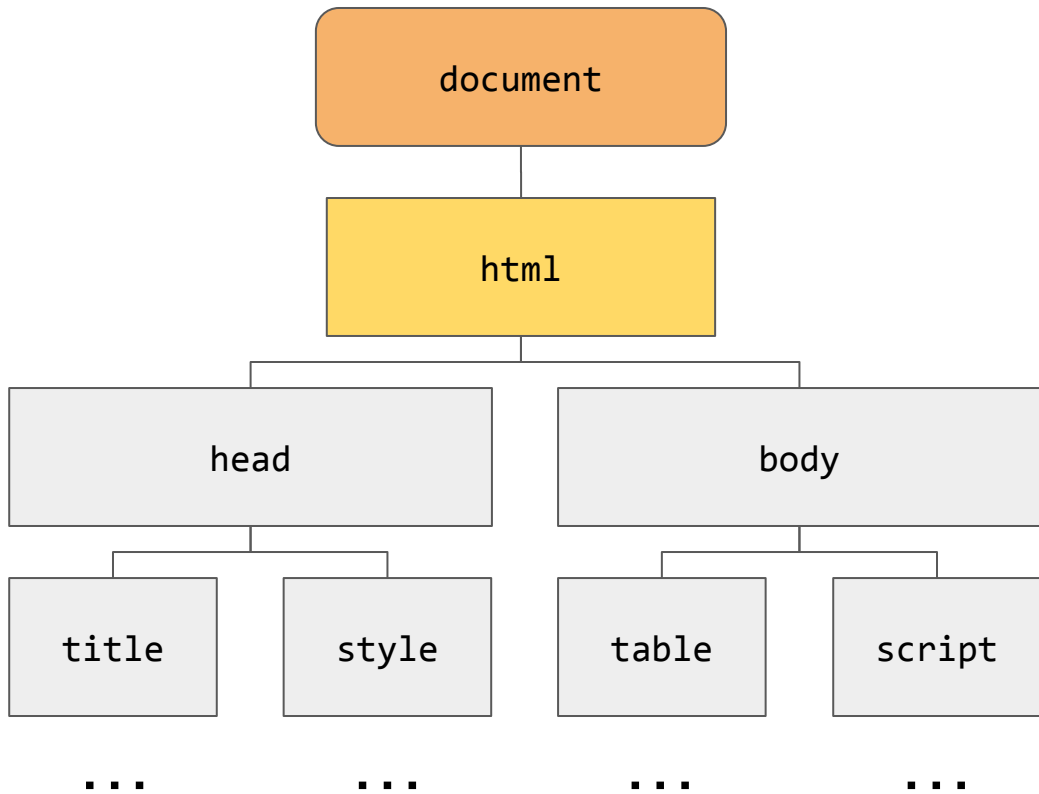
HTML

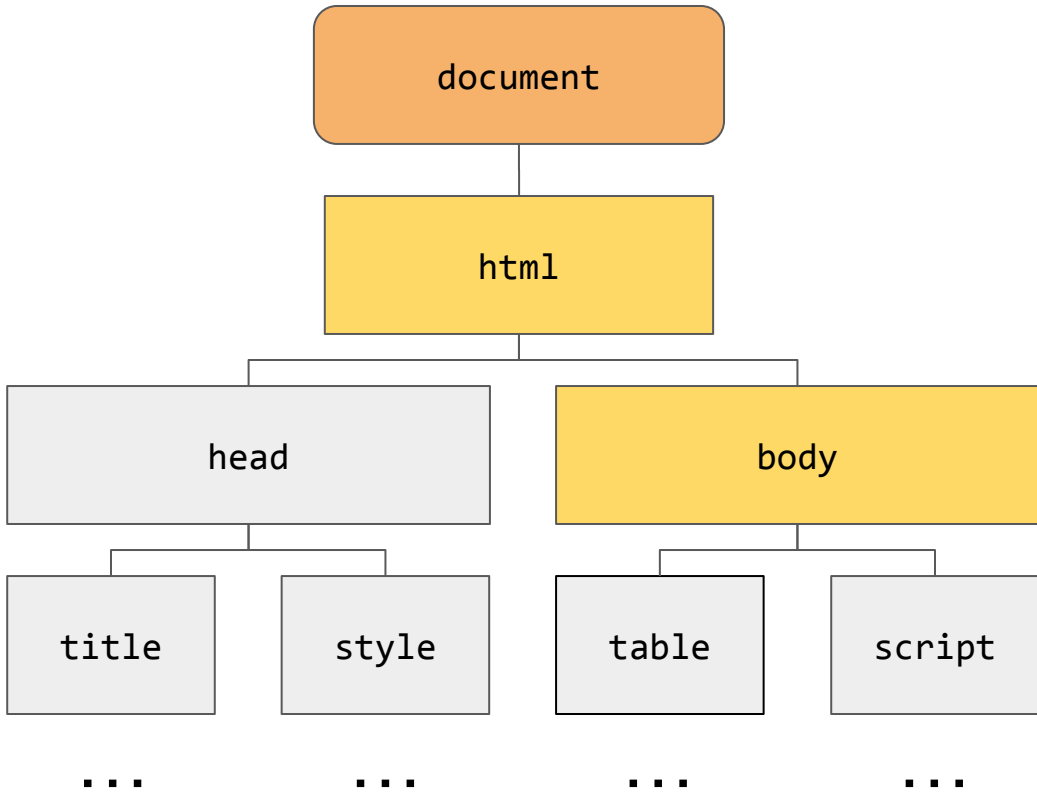
CSS

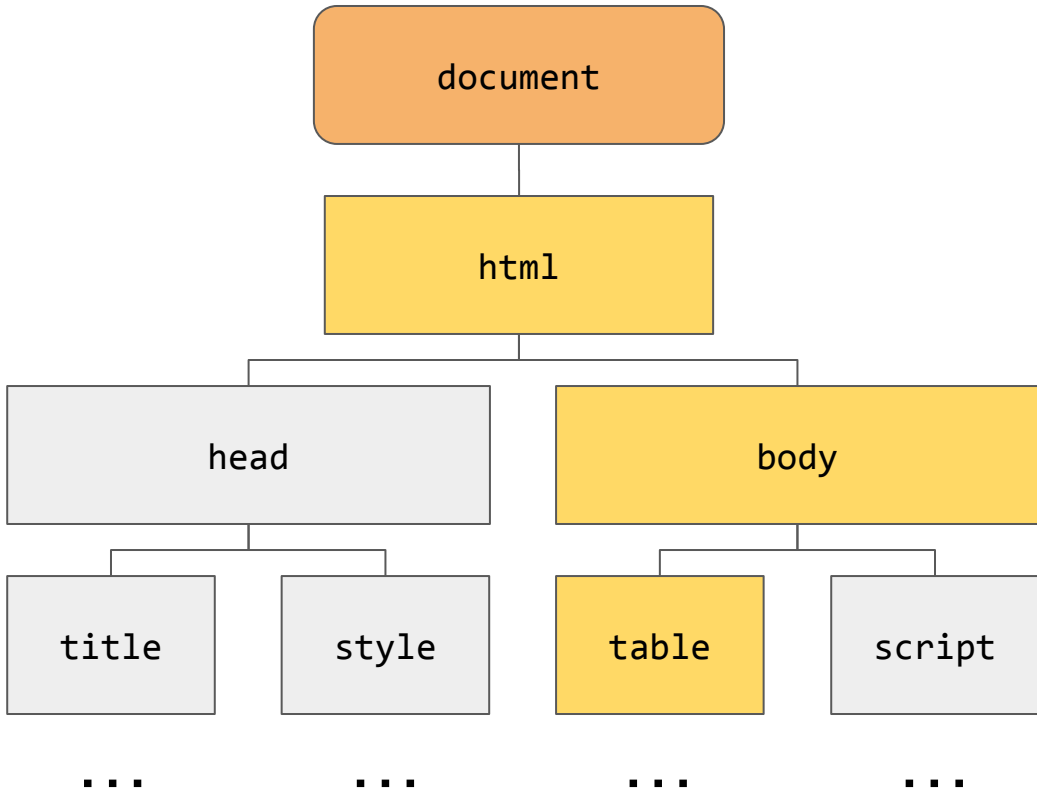
JavaScript

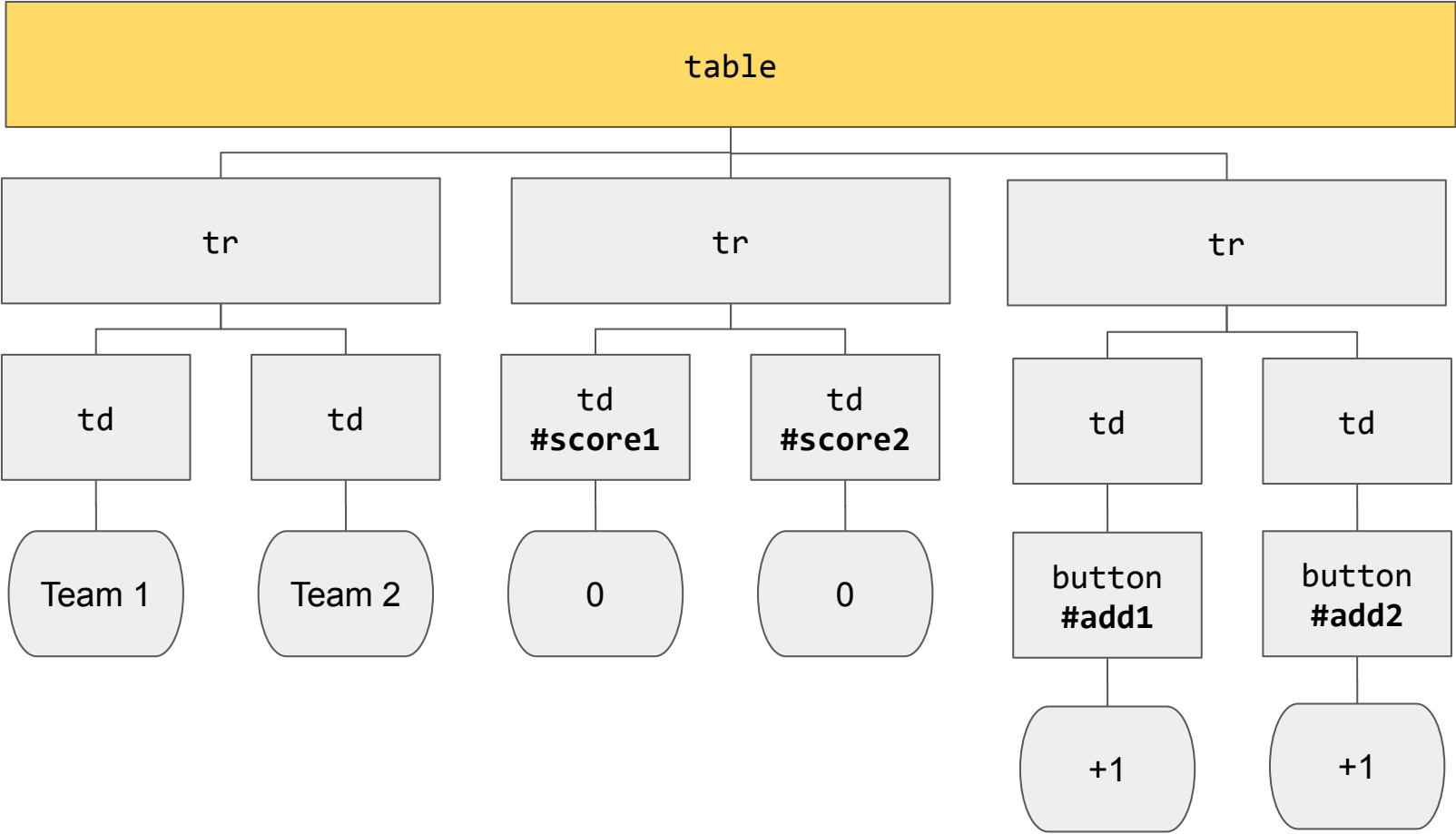
```
document.querySelector( '#add1' )
```

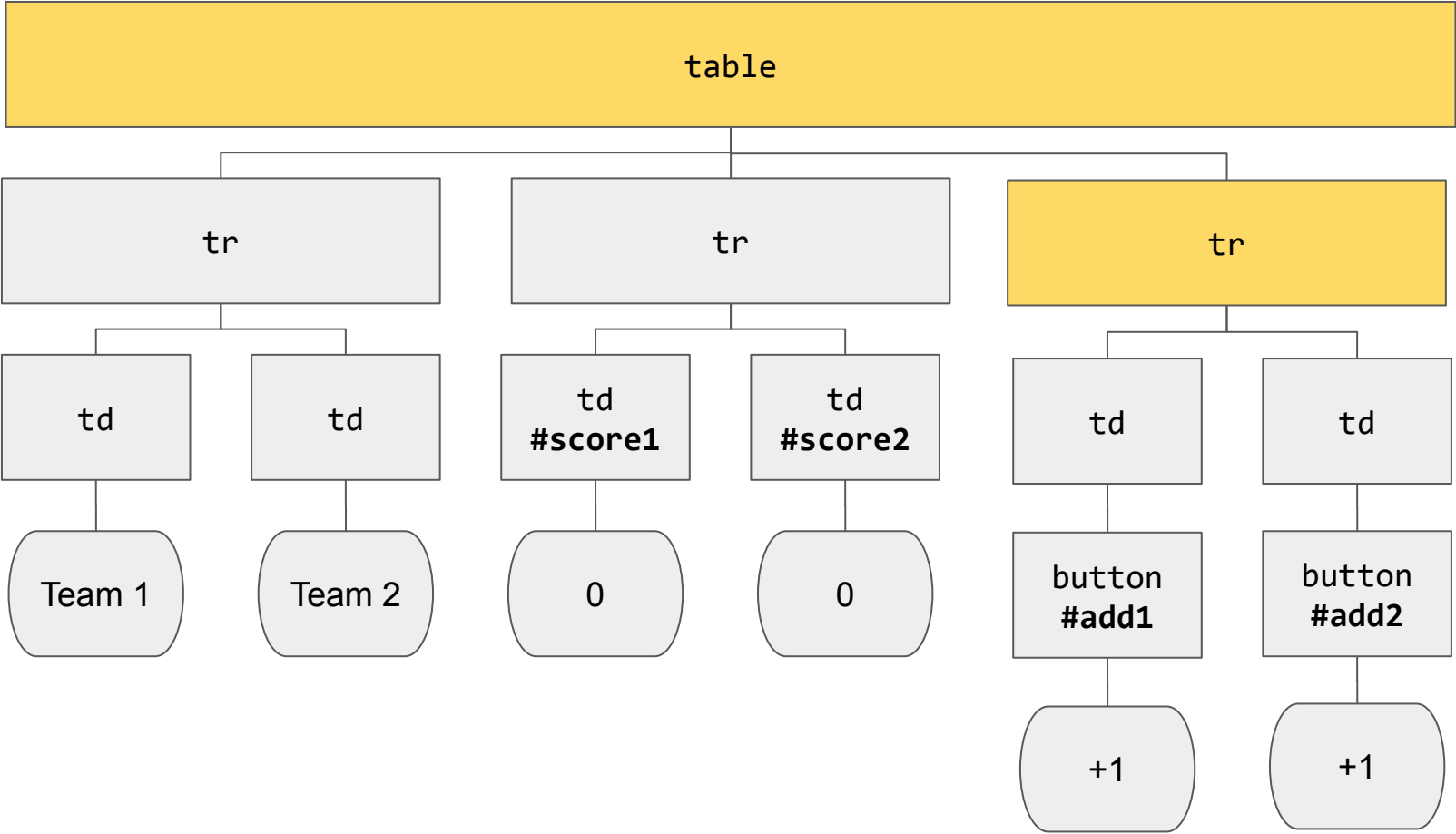


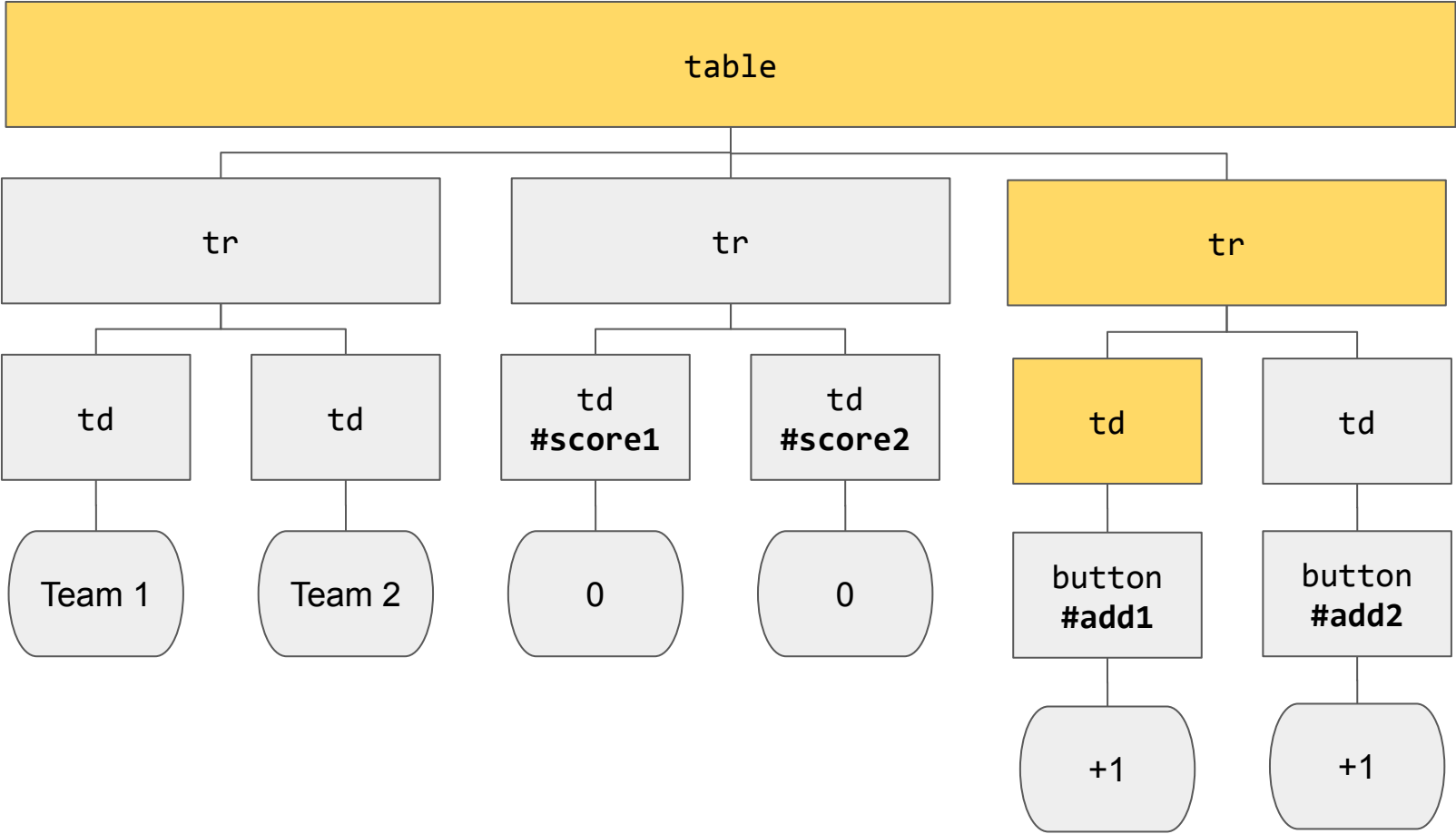


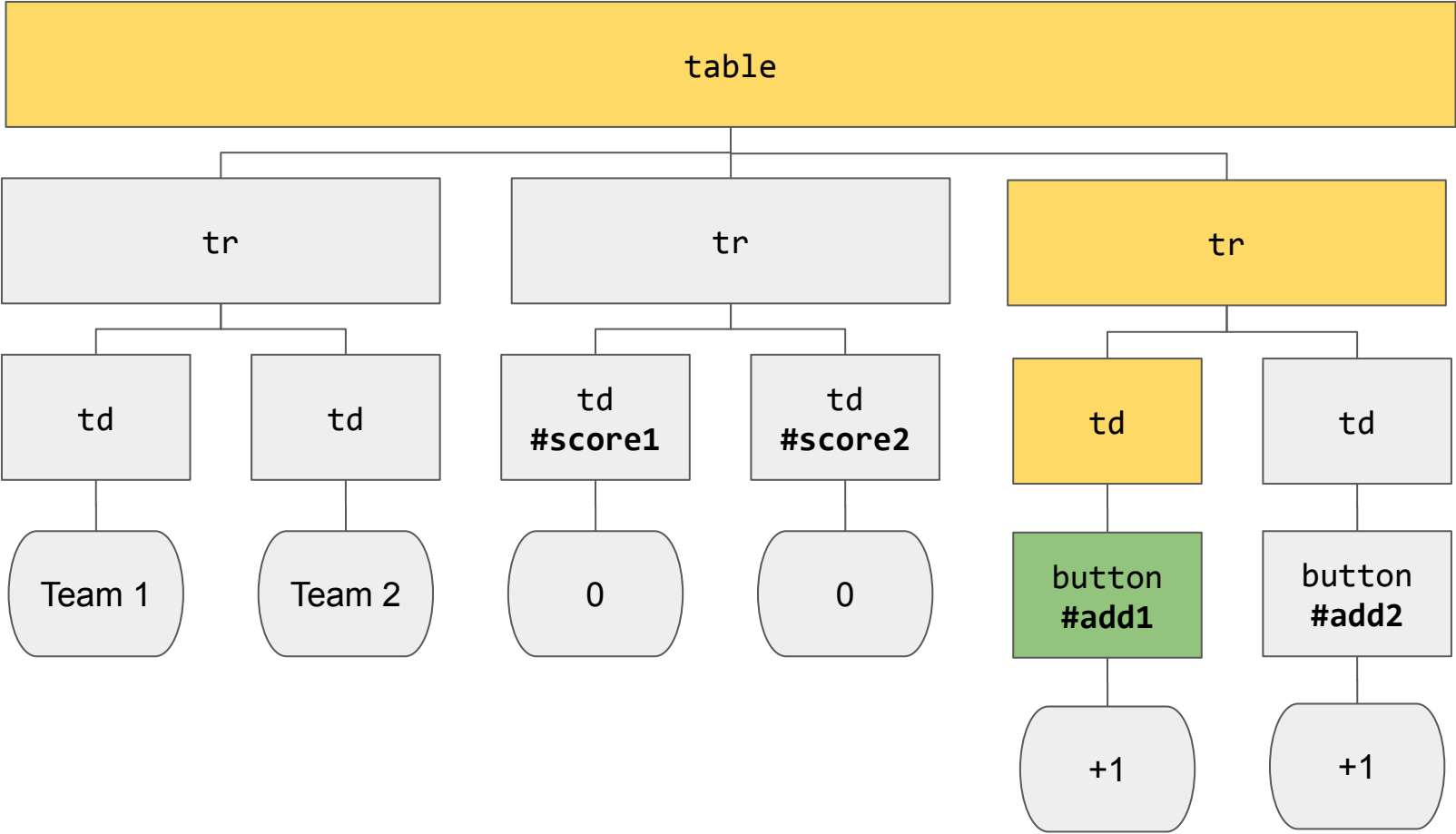








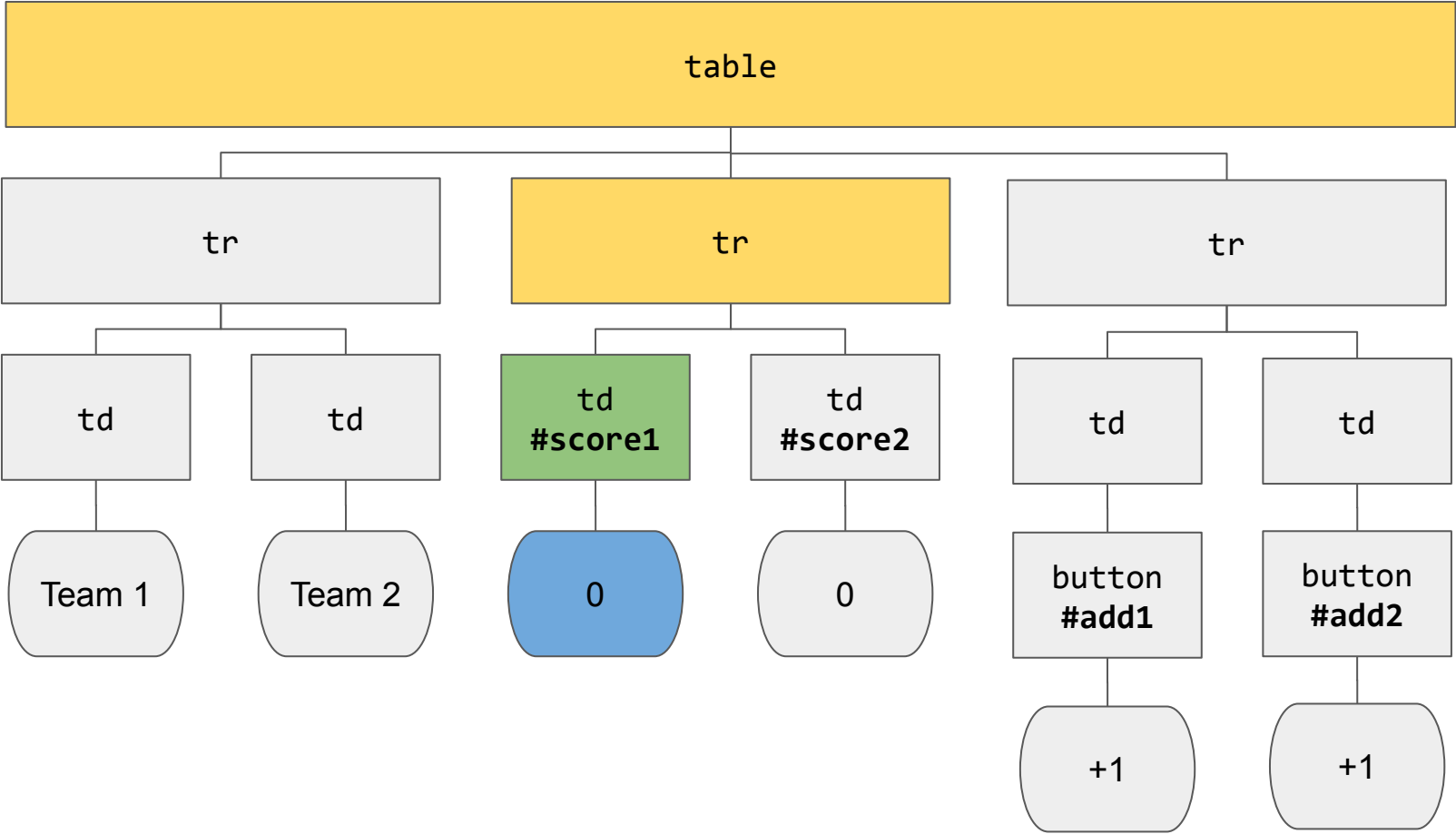




```
document.querySelector( '#add1' ).onclick
```



```
document.querySelector( '#score1' ).innerHTML
```



Scoreboard

In **scoreboard.html**, alert the user when a team has won the game with a certain number of points.

```
alert("This is an alert!")
```

Lab

Trivia! x +

← → ↻ Search Google or type a URL Guest

Trivia!

Part 1: Multiple Choice

What is the approximate ratio of people to sheep in New Zealand?

6 people per 1 sheep 3 people per 1 sheep 1 person per 1 sheep 1 person per 3 sheep 1 person per 6 sheep

Part 2: Free Response

In which country is it illegal to own only one guinea pig, as a lone guinea pig might get lonely?

Check Answer

Questions

Answers

Feedback

```
<h3></h3>
```

```
<button></button>
```

```
<input></input>
```

```
<p></p>
```

Color change

Textual feedback


```
<button onclick="checkAnswer(event)">
```

```
function checkAnswer(event)
{
    ...
}
```

event.target

HTMLelement.style.backgroundColor

HTMLelement.innerHTML

Tutorials
Office Hours

This was CS50