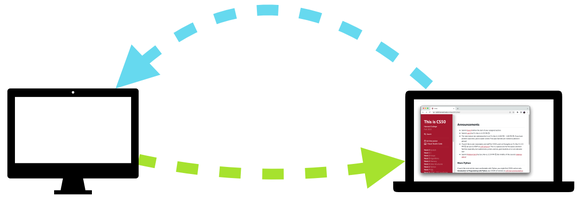
This is CS50

Section - Week 8

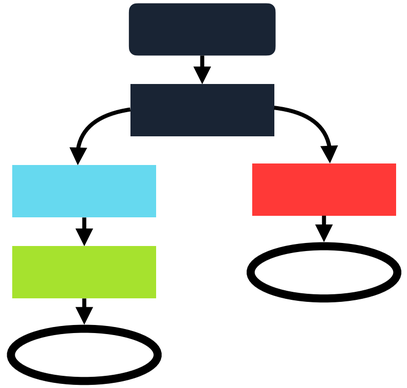


HTTP

HTML

CSS

JavaScript



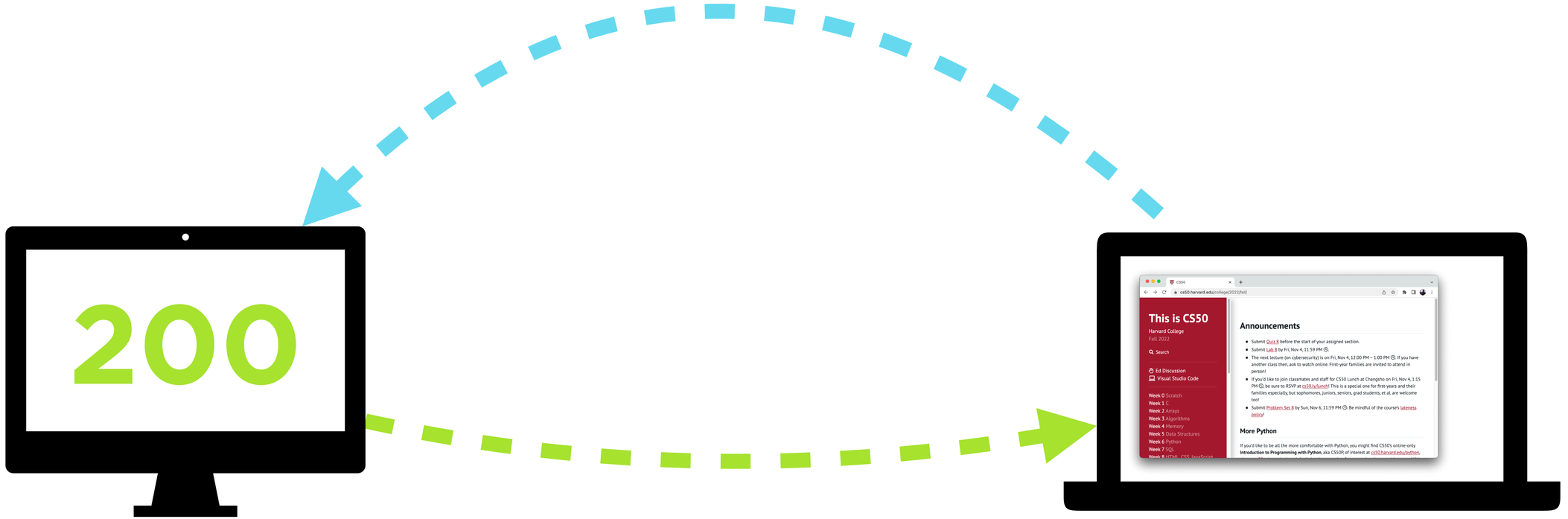
Team 1	Team 2
0	0
+1	+1

HTTP

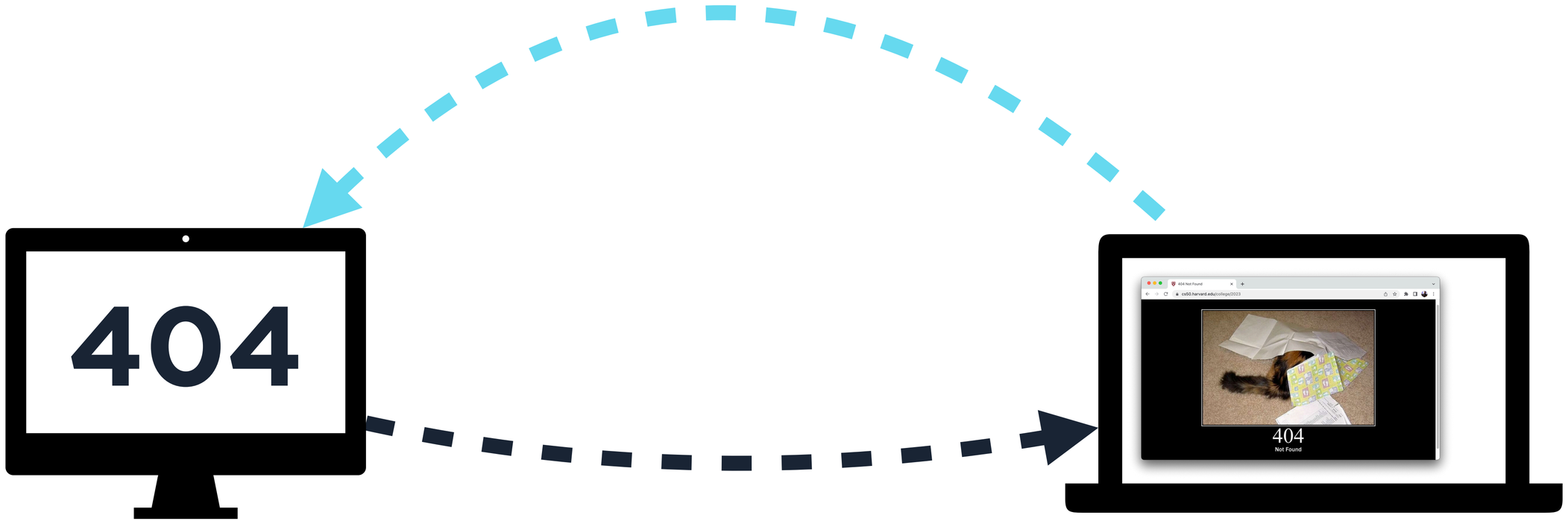
http://cs50.harvard.edu/...

http://cs50.harvard.edu/...

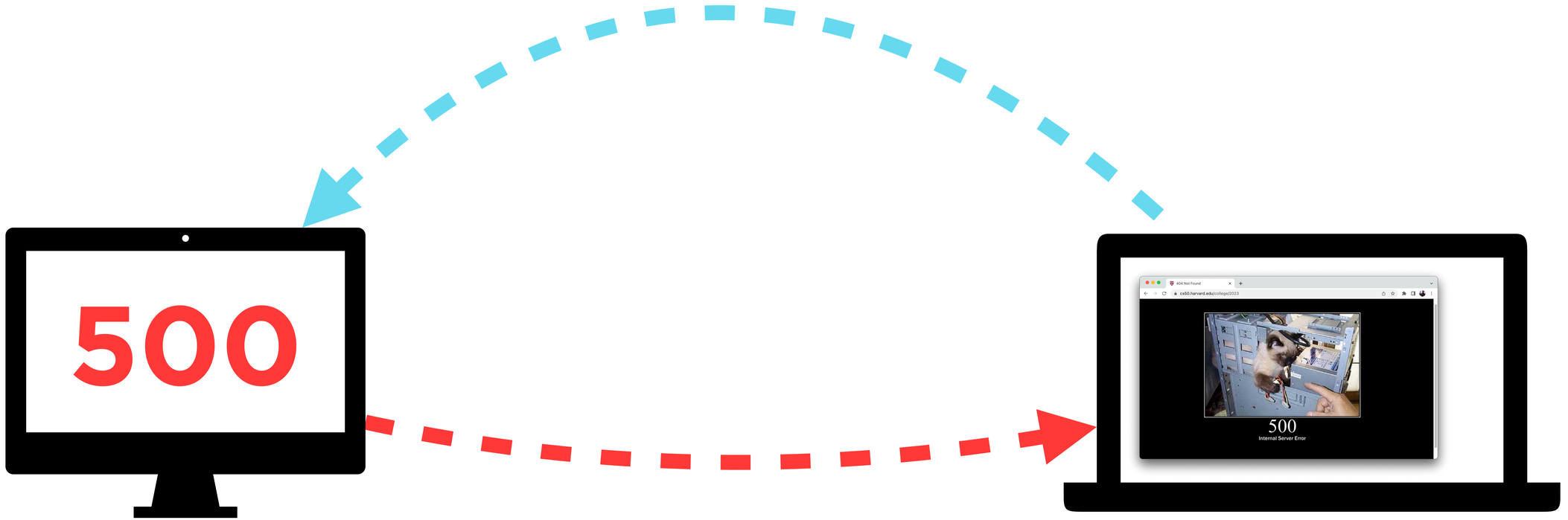
HTTP


200
This is CS50
Harvard College
Fall 2022
Search
Ed Discussion
Visual Studio Code
Week 0 Scratch
Week 1 C
Week 2 Arrays
Week 3 Algorithms
Week 4 Memory
Week 5 Data Structures
Week 6 Python
Week 7 SQL
Announcements
More Python

HTTP


404
404 Not Found
cs50.harvard.edu/college/2023
404
Not Found

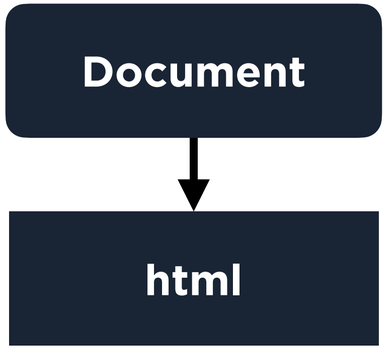
HTTP


500
404 Not Found
cs50.harvard.edu/college/2023
500
Internal Server Error

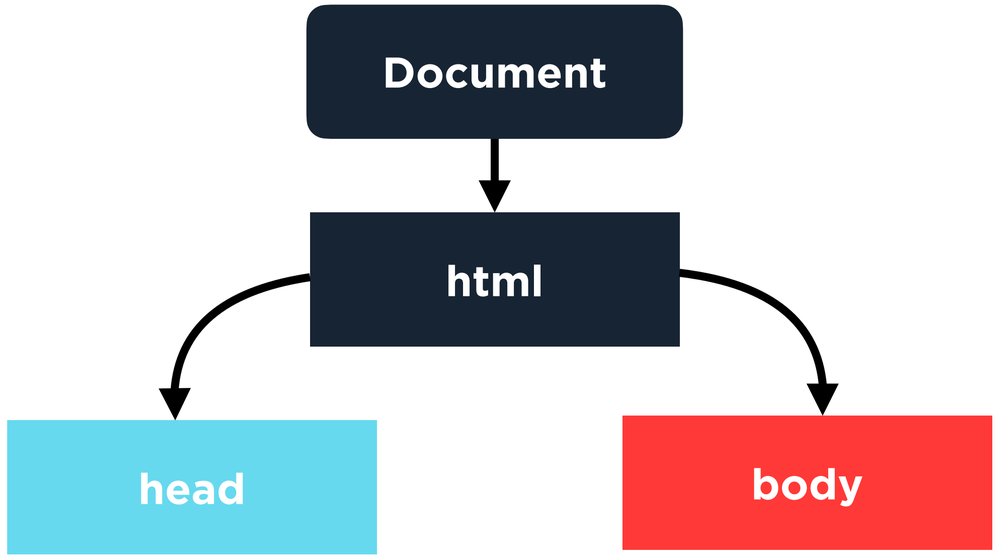
http-server

HTML

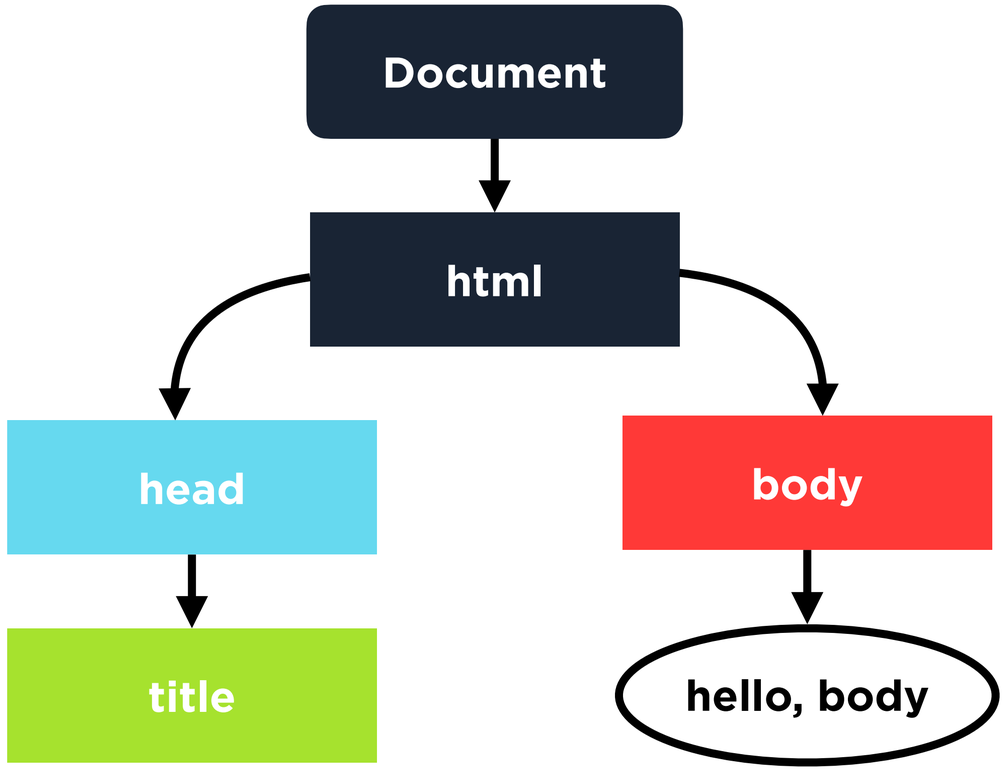
```
<!DOCTYPE html>
<html>




</html>
```



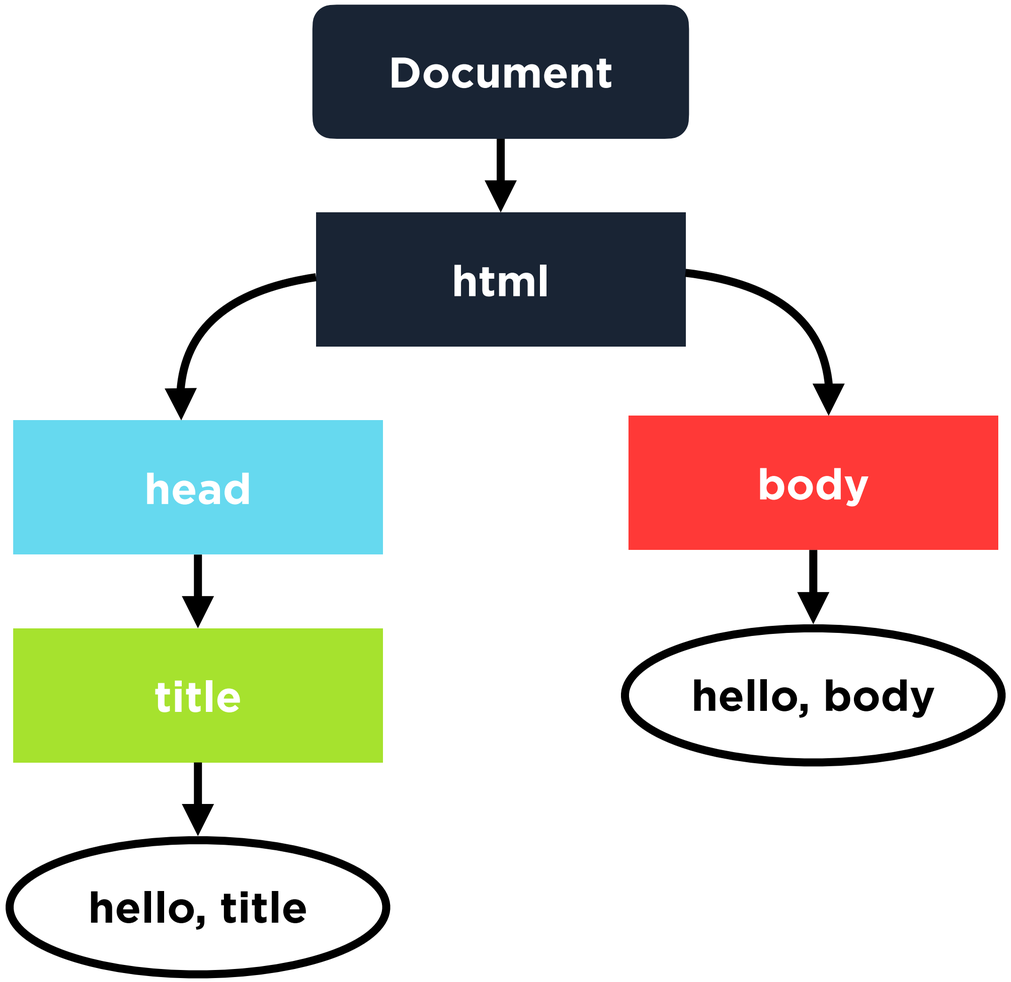
```
<!DOCTYPE html>
<html>
    <head>



    </head>
    <body>

    </body>
</html>
```



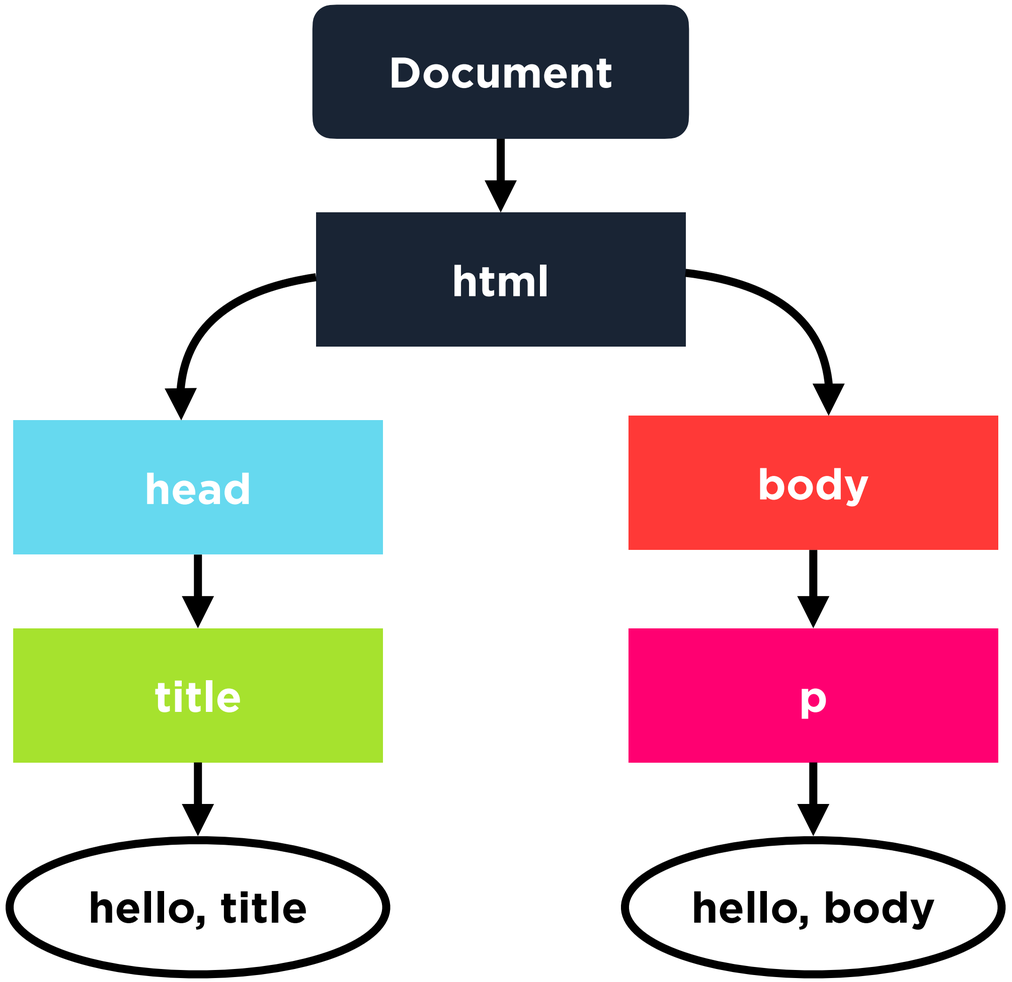
```
<!DOCTYPE html>
<html>
    <head>
        <title>

        </title>
    </head>
    <body>
        hello, body
    </body>
</html>
```



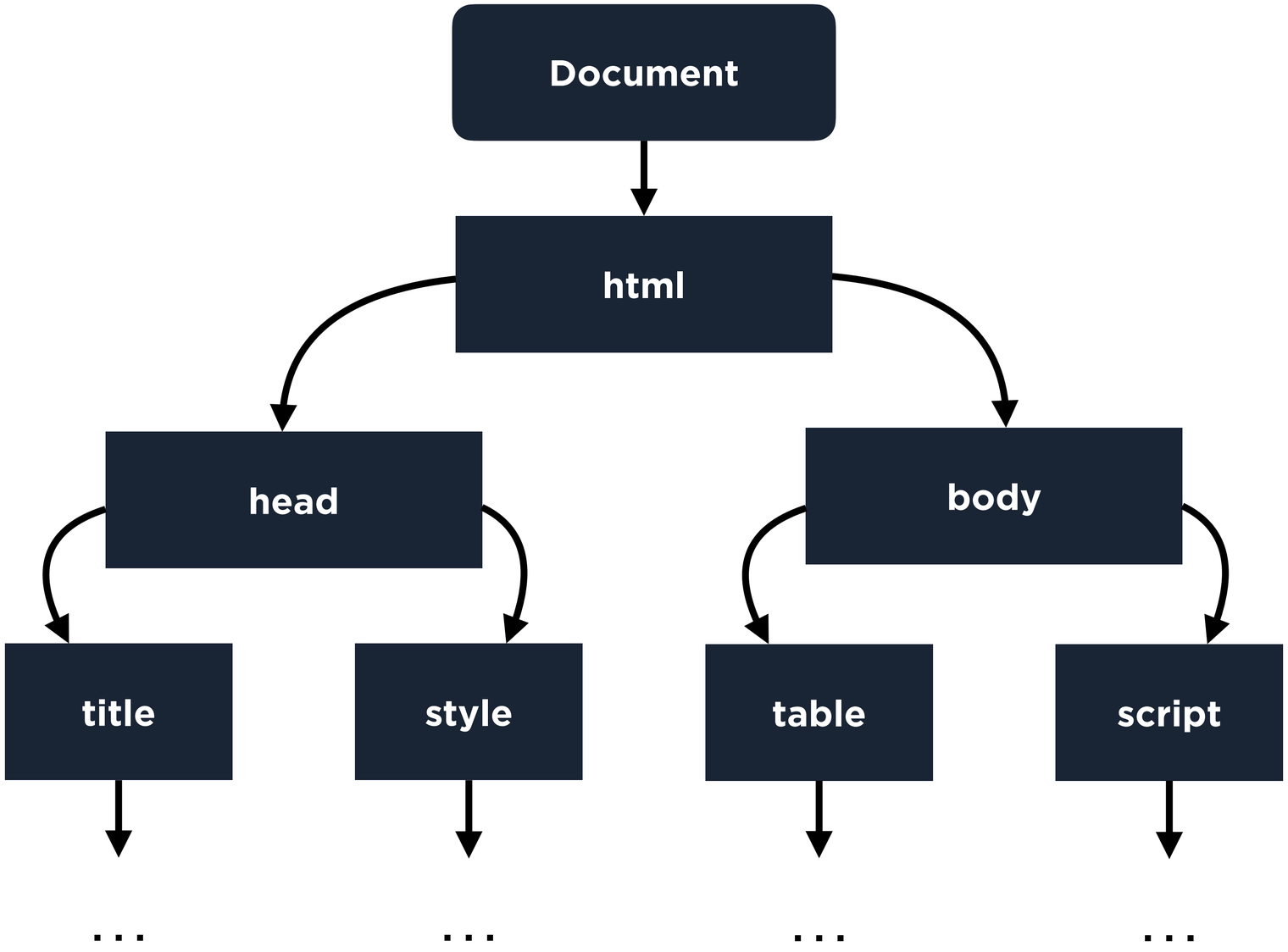
```
<!DOCTYPE html>
<html>
    <head>
        <title>
            hello, title
        </title>
    </head>
    <body>
        hello, body
    </body>
</html>
```



```
<!DOCTYPE html>
<html>
    <head>
        <title>
            hello, title
        </title>
    </head>
    <body>
        <p>hello, body</p>
    </body>
</html>
```



```
wget https://cdn.cs50.net/2022/fall/sections/8/scoreboard.html
```


Document
html
head
body
title
style
table
script
...
...
...
...

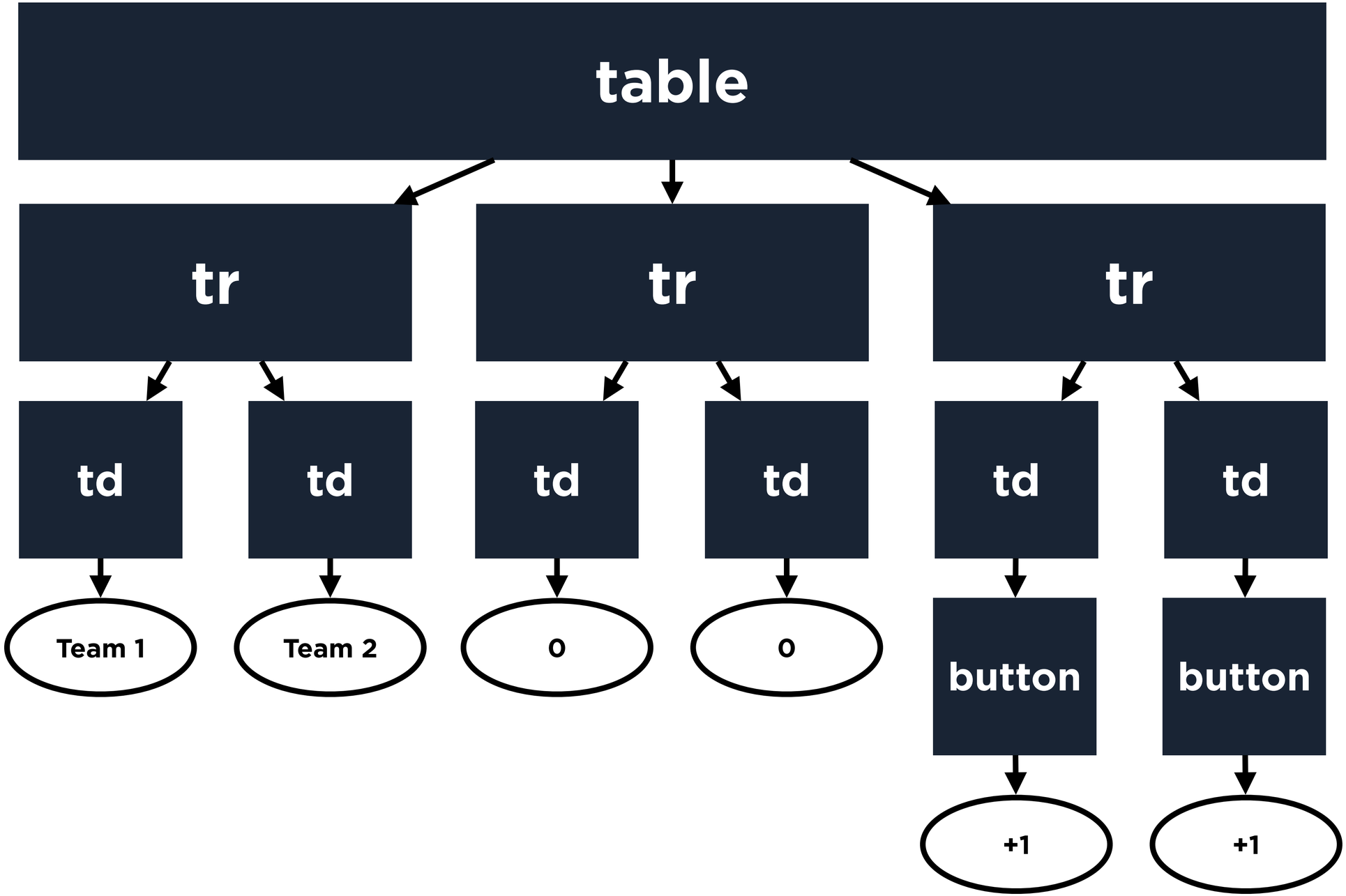


table
tr
tr
tr
td
td
td
td
td
td
Team 1
Team 2
0
0
button
button
+1
+1

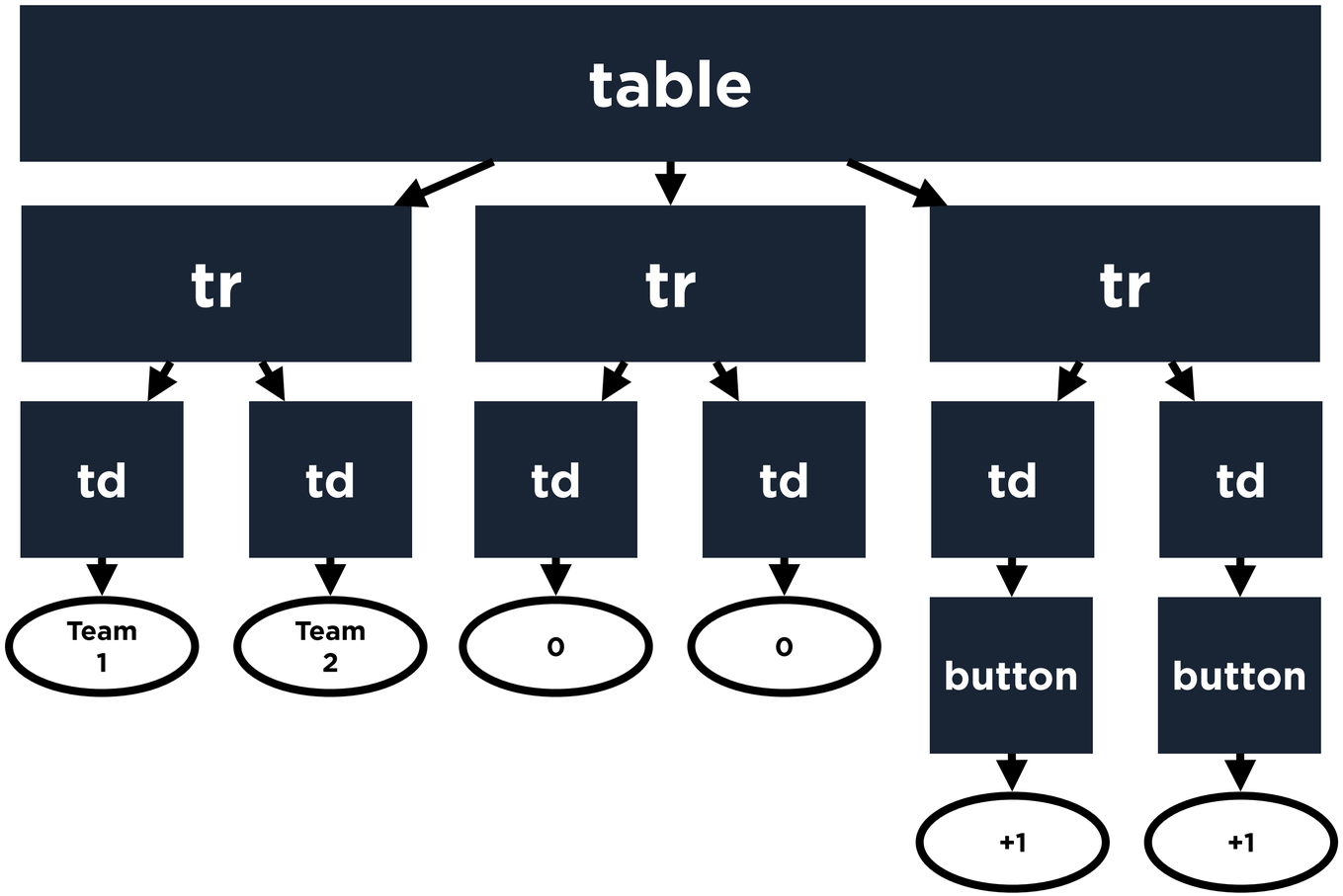


table
tr
tr
tr
td
td
td
td
td
td
Team 1
Team 2
0
0
button
button
+1
+1

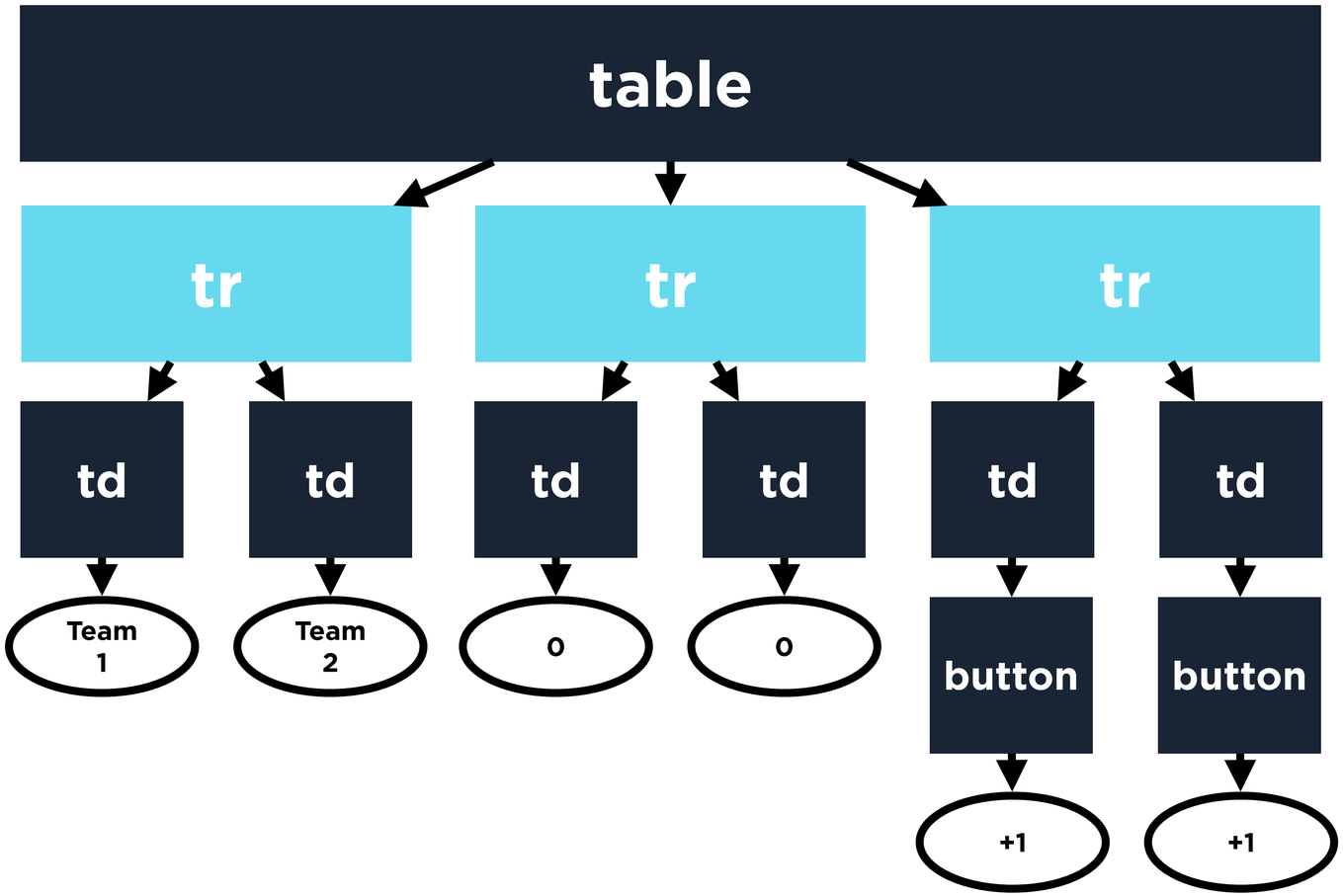


table
tr
tr
tr
td
td
td
td
td
td
Team 1
Team 2
0
0
button
button
+1
+1

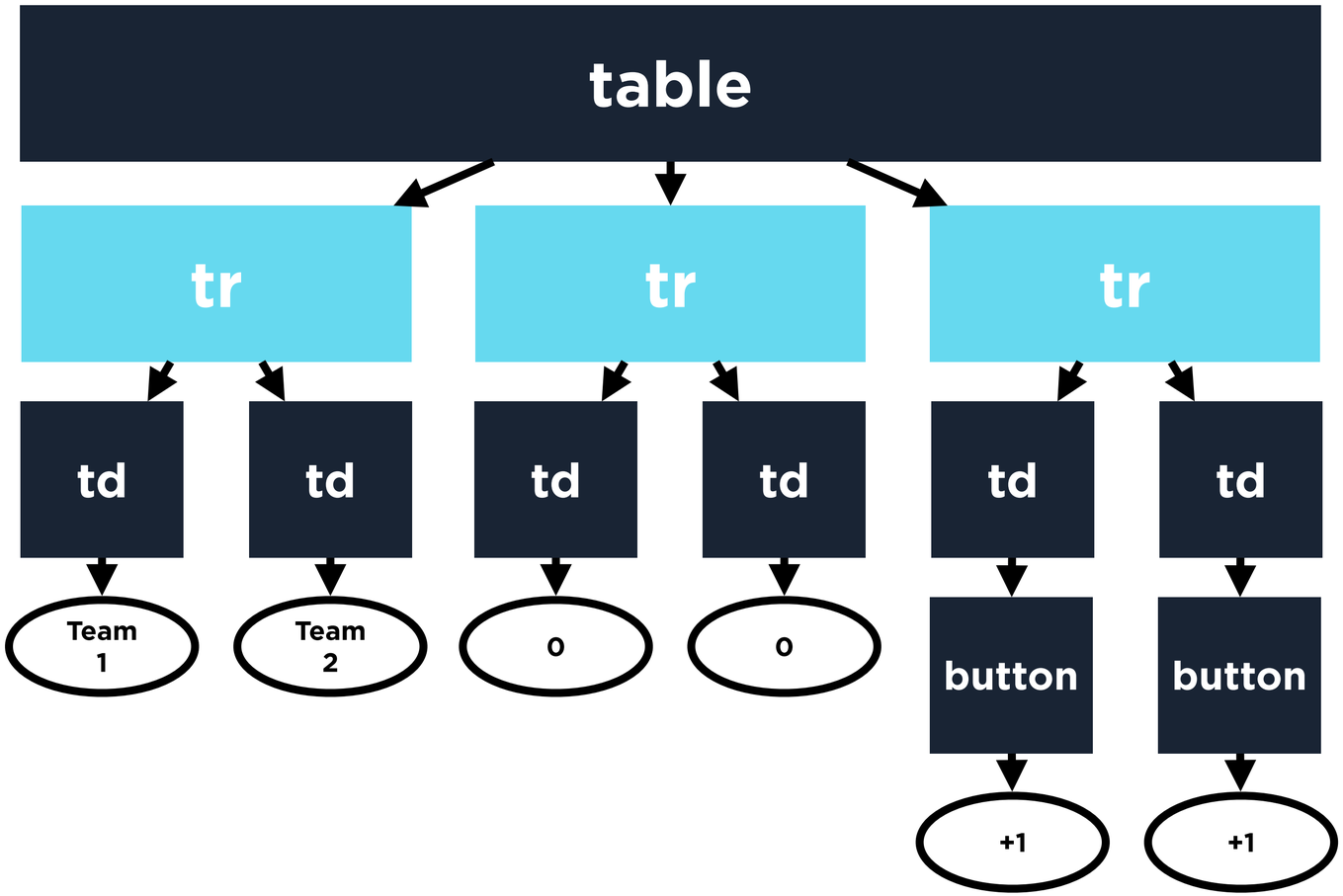


table
tr
tr
tr
td
td
td
td
td
td
Team 1
Team 2
0
0
button
button
+1
+1

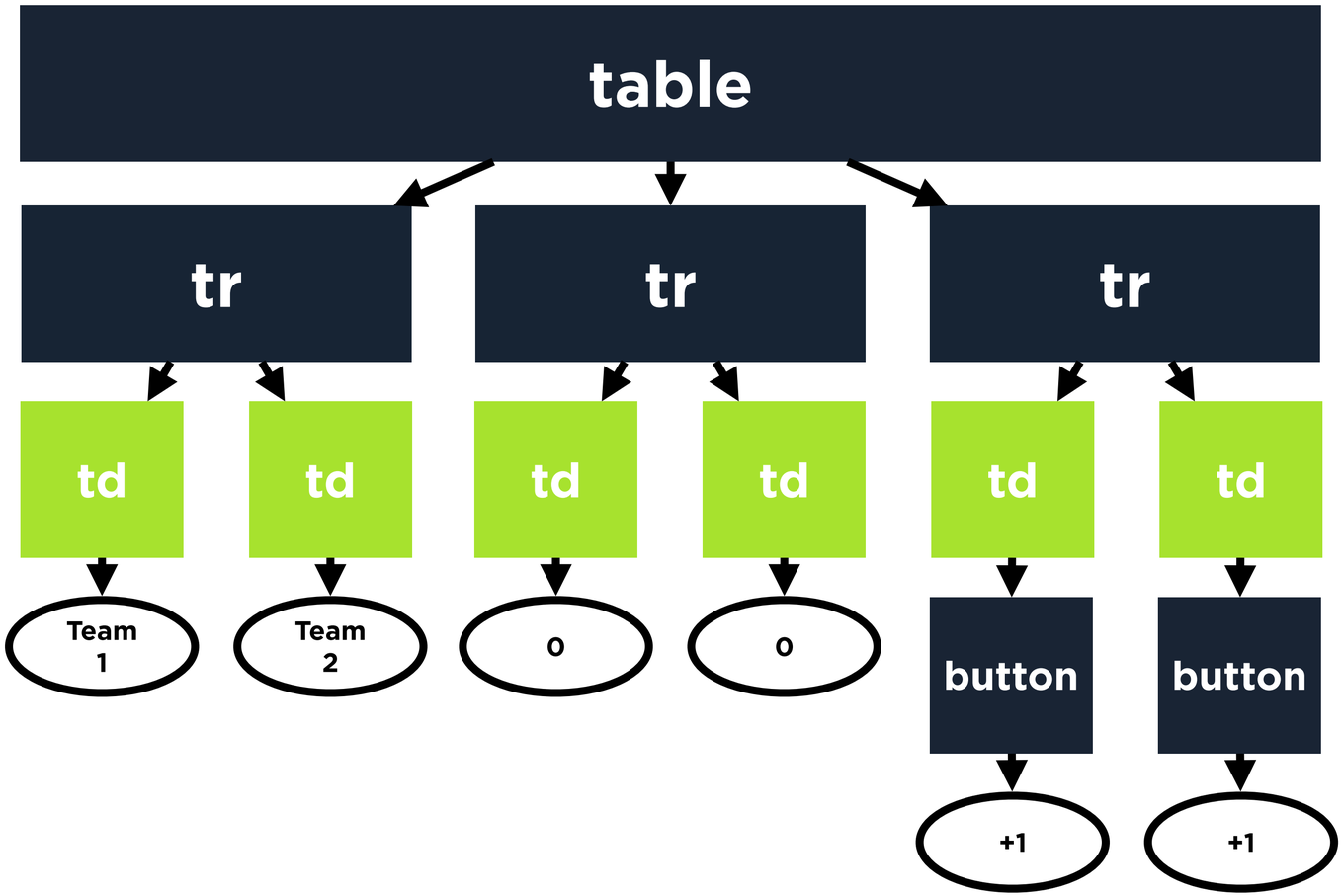


table
tr
tr
tr
td
td
td
td
td
td
Team 1
Team 2
0
0
button
button
+1
+1

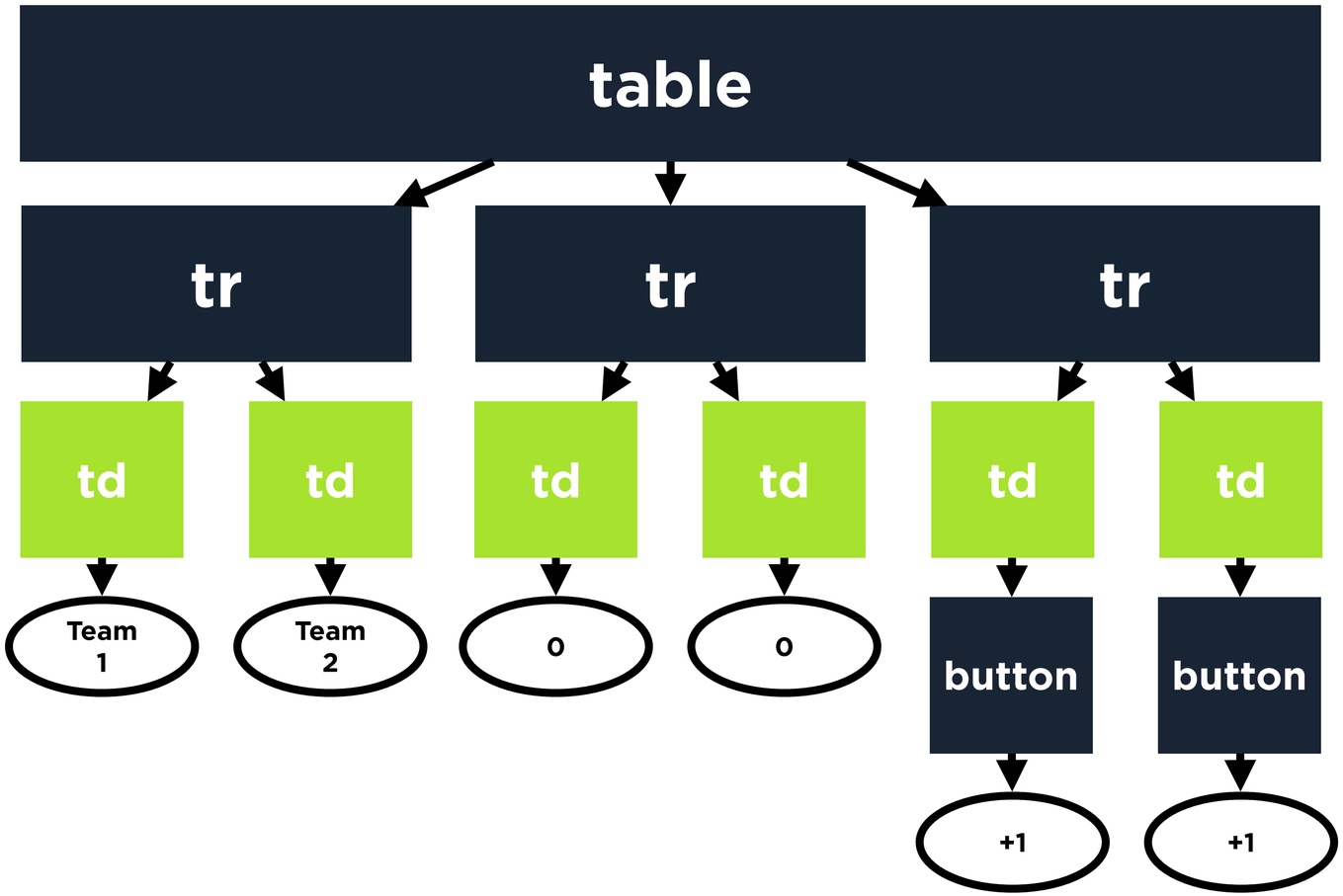


table
tr
tr
tr
td
td
td
td
td
td
Team 1
Team 2
0
0
button
button
+1
+1

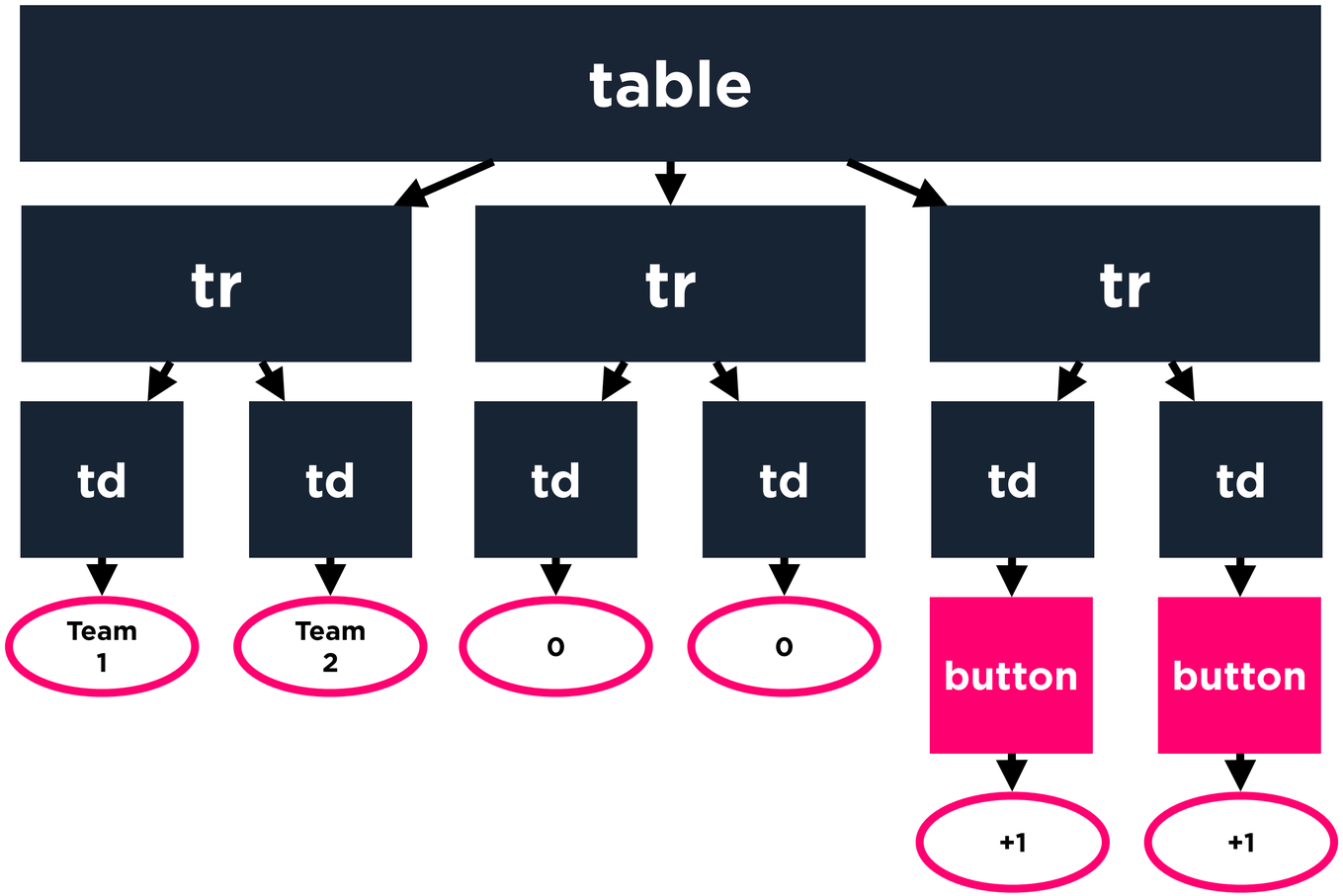
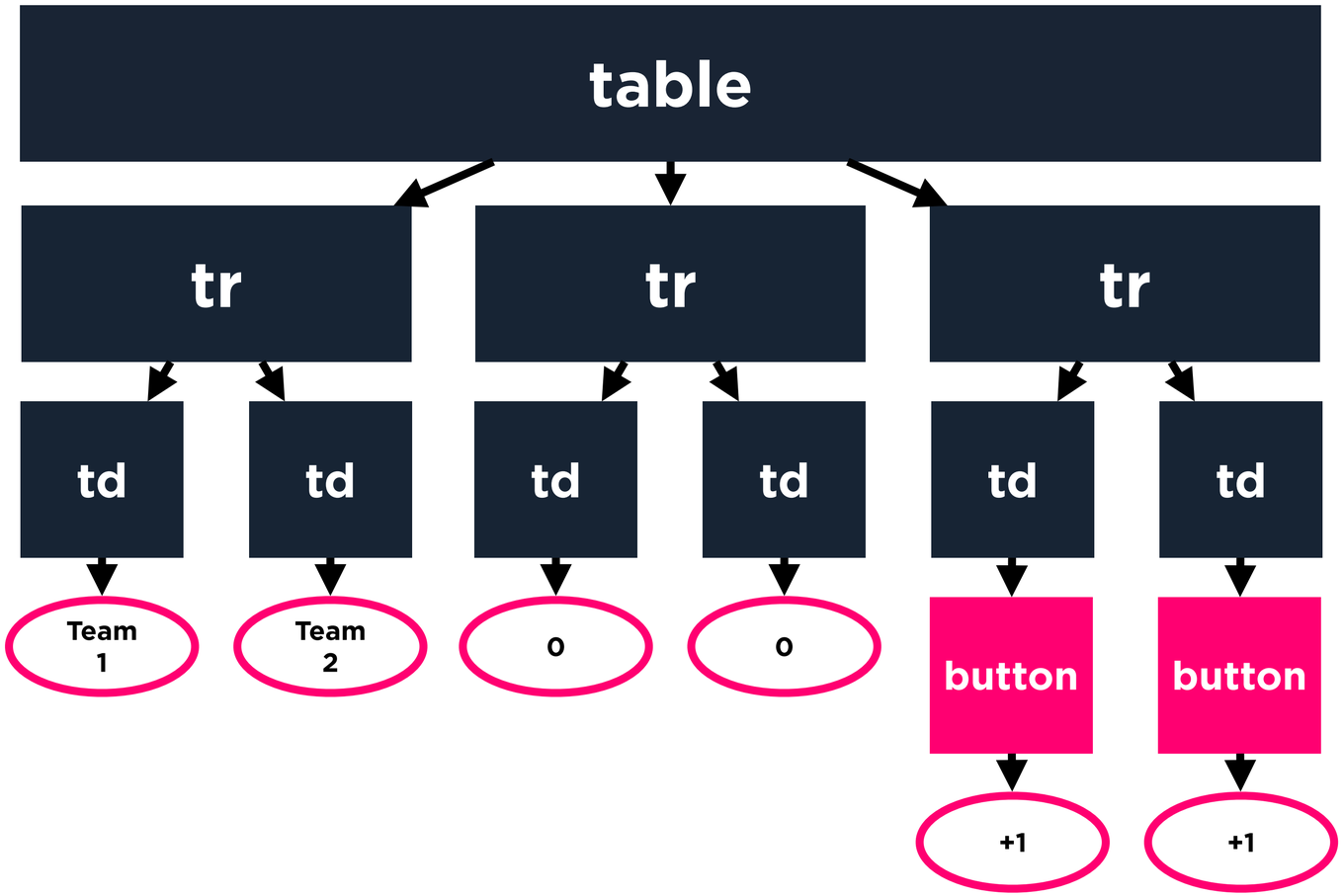


table
tr
tr
tr
td
td
td
td
td
td
Team 1
Team 2
0
0
button
button
+1
+1



Team 1	Team 2
0	0
+1	+1

Scoreboard

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

- `h1`
- `p`
- `main`
- `header`
- `ul`
- `li`

CSS

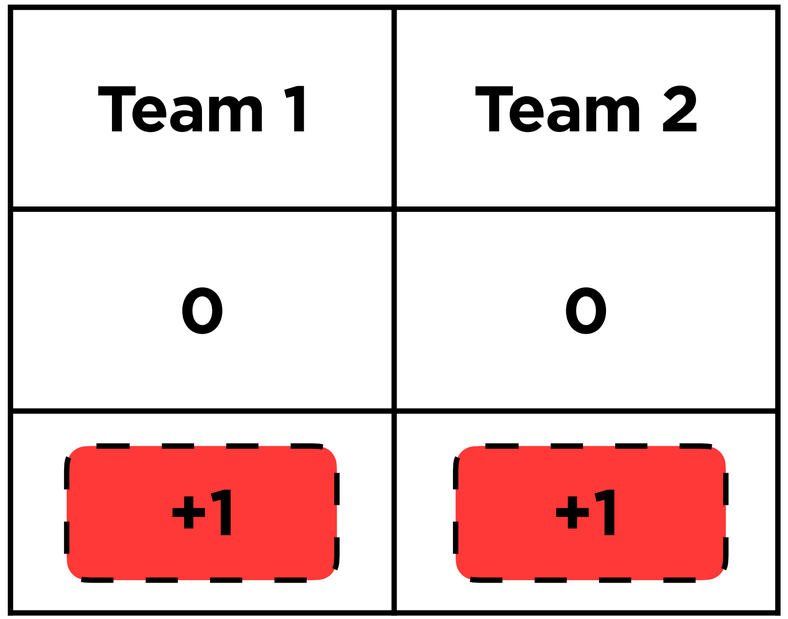
```
selector
{
    property: value;
}
```

Team 1	Team 2
0	0
+1	+1

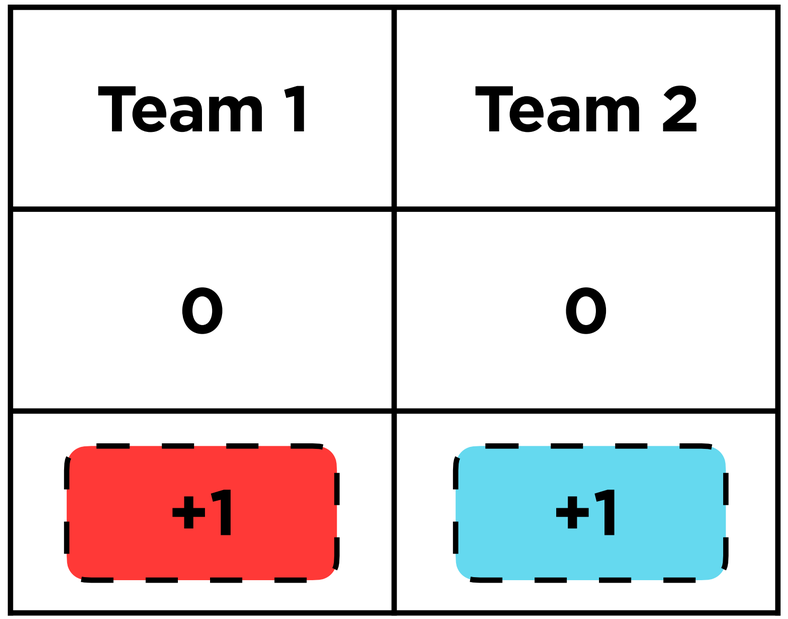
```
button
{
    background-color: red;
}
```

Team 1	Team 2
0	0
+1	+1

```
button
{
    background-color: red;
    border: 4pt dashed;
}
```



```
#team1-button
{
    background-color: red;
    border: 4pt dashed;
}

#team2-button
{
    background-color: blue;
    border: 4pt dashed;
}
```



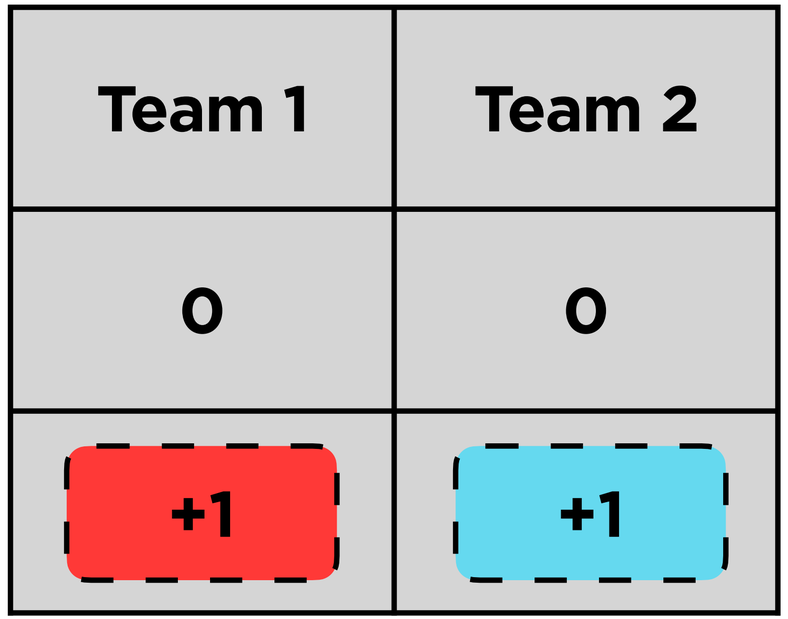
```css
#team1-button
{
    background-color: red;
    border: 4pt dashed;
}

#team2-button
{
    background-color: blue;
    border: 4pt dashed;
}
```

```html
...

<button id="team1-button">
    Team 1
</button>

...

<button id="team2-button">
    Team 2
</button>

...
```

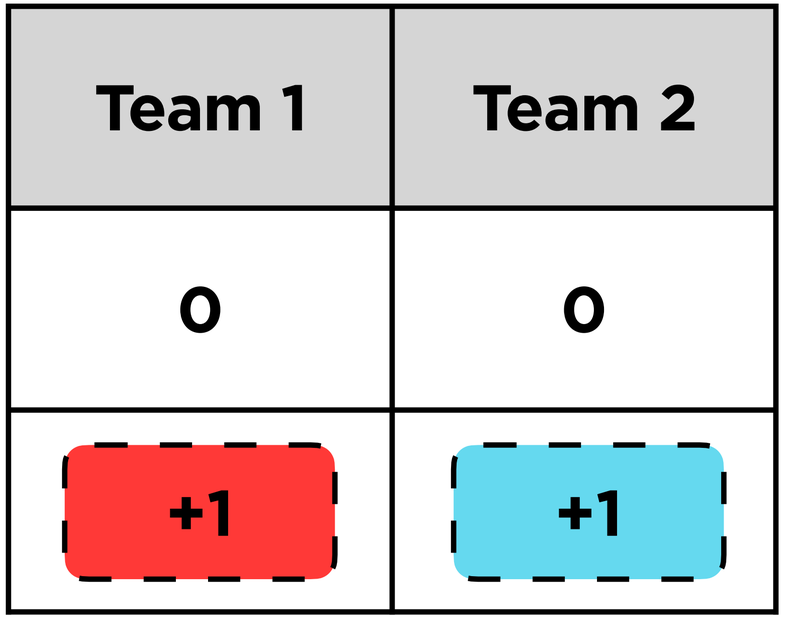
```
td
{
    background-color: gray;
}
```

Team 1	Team 2
0	0
+1	+1

```
td
{
    background-color: gray;
}
```



```
.title
{
    background-color: gray;
}
```



```css
.title
{
    background-color: gray;
}
```

```
...

<tr>
    <td class="title">
        Team 1
    </td>
    <td class="title">
        Team 2
    </td>
</tr>

...
```

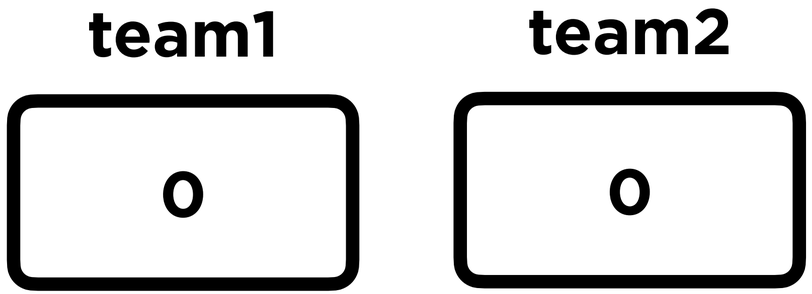
Scoreboard

In **scoreboard.html**, experiment with using an **id selector** and a **class selector**. Try using the following properties or go find more yourself!

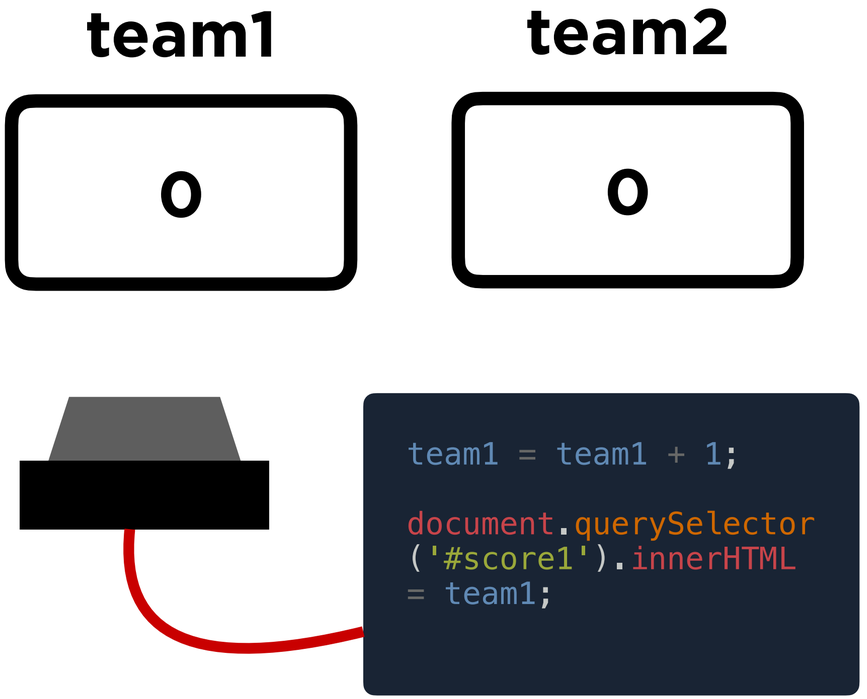
- `color`
- `background-color`
- `text-align`

JavaScript

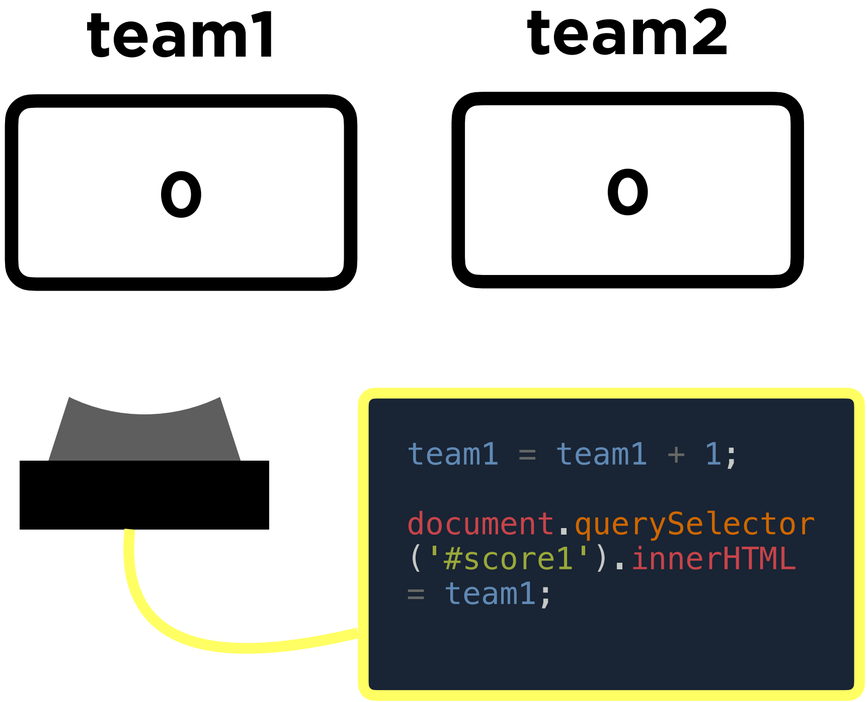
```
<script>
    let team1 = 0;
    let team2 = 0;




</script>
```



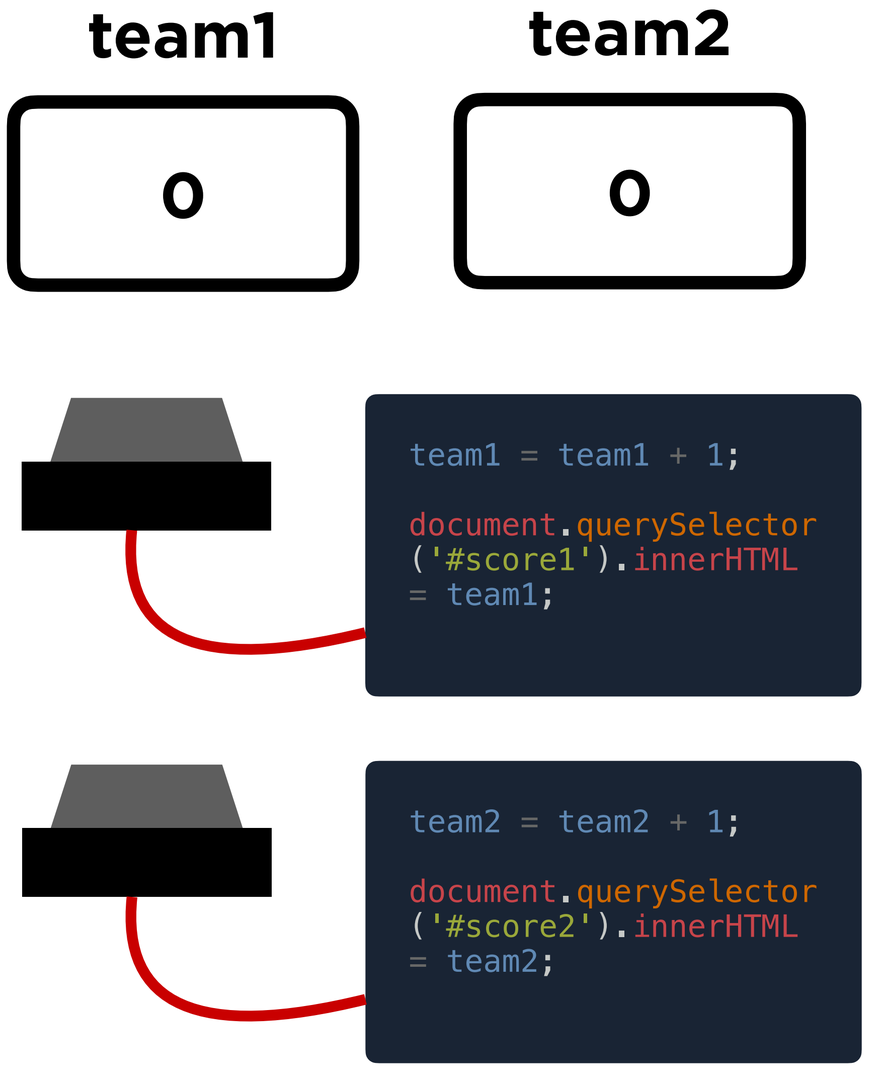
```
<script>
    let team1 = 0;
    let team2 = 0;

    document... = function() {
        ...
    }




</script>
```



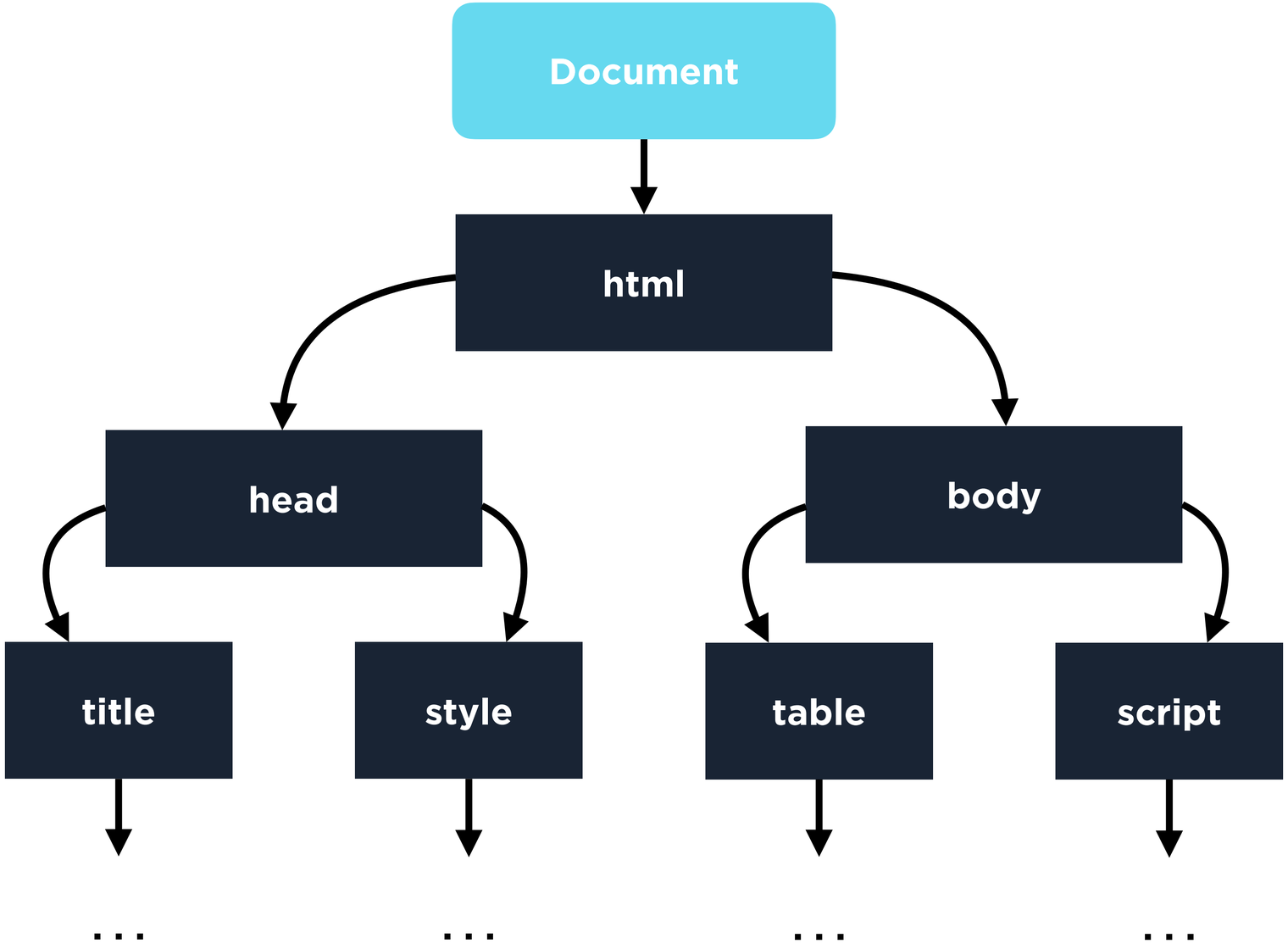
```
<script>
    let team1 = 0;
    let team2 = 0;

    document... = function() {
        ...
    }




</script>
```

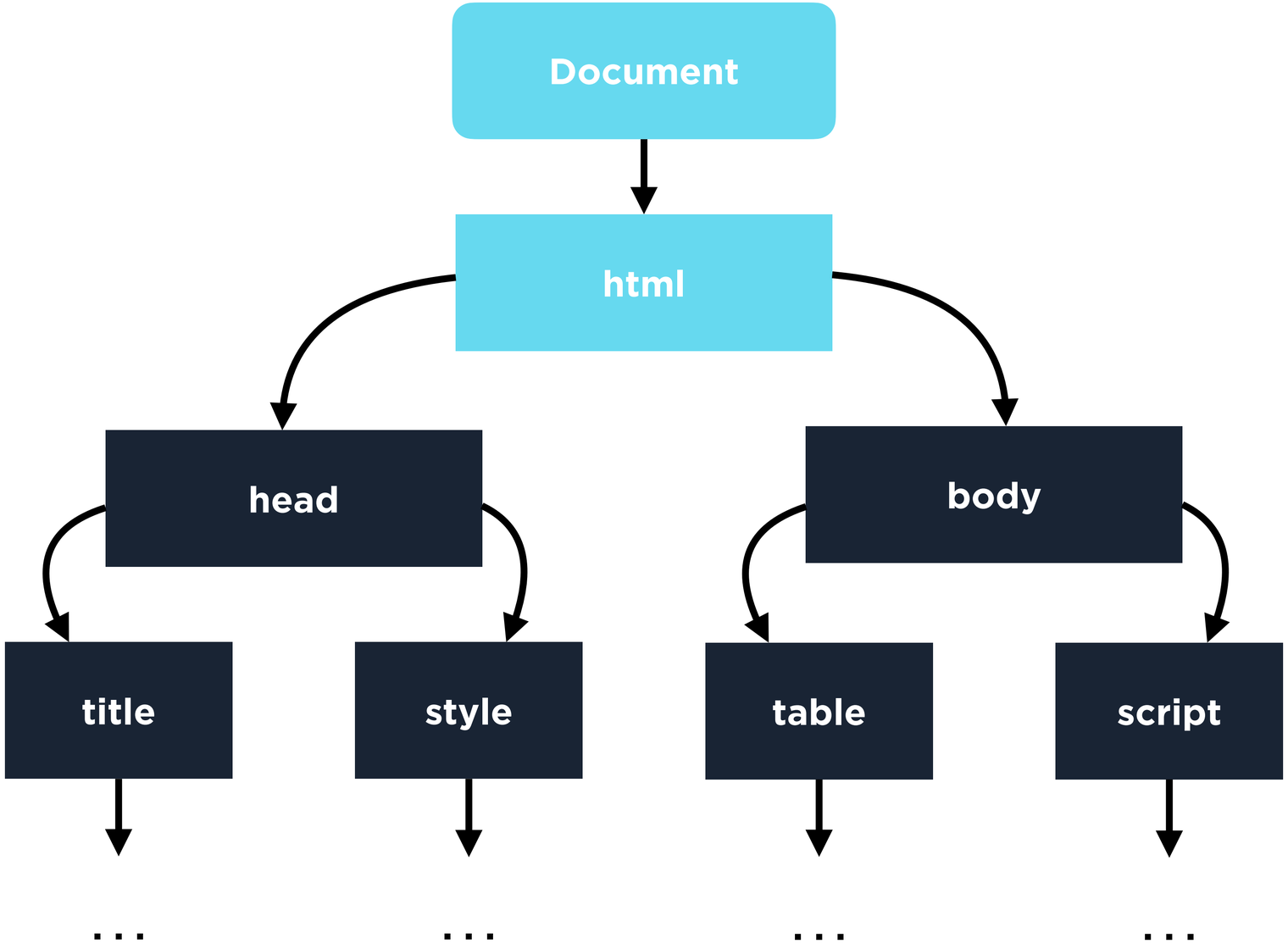


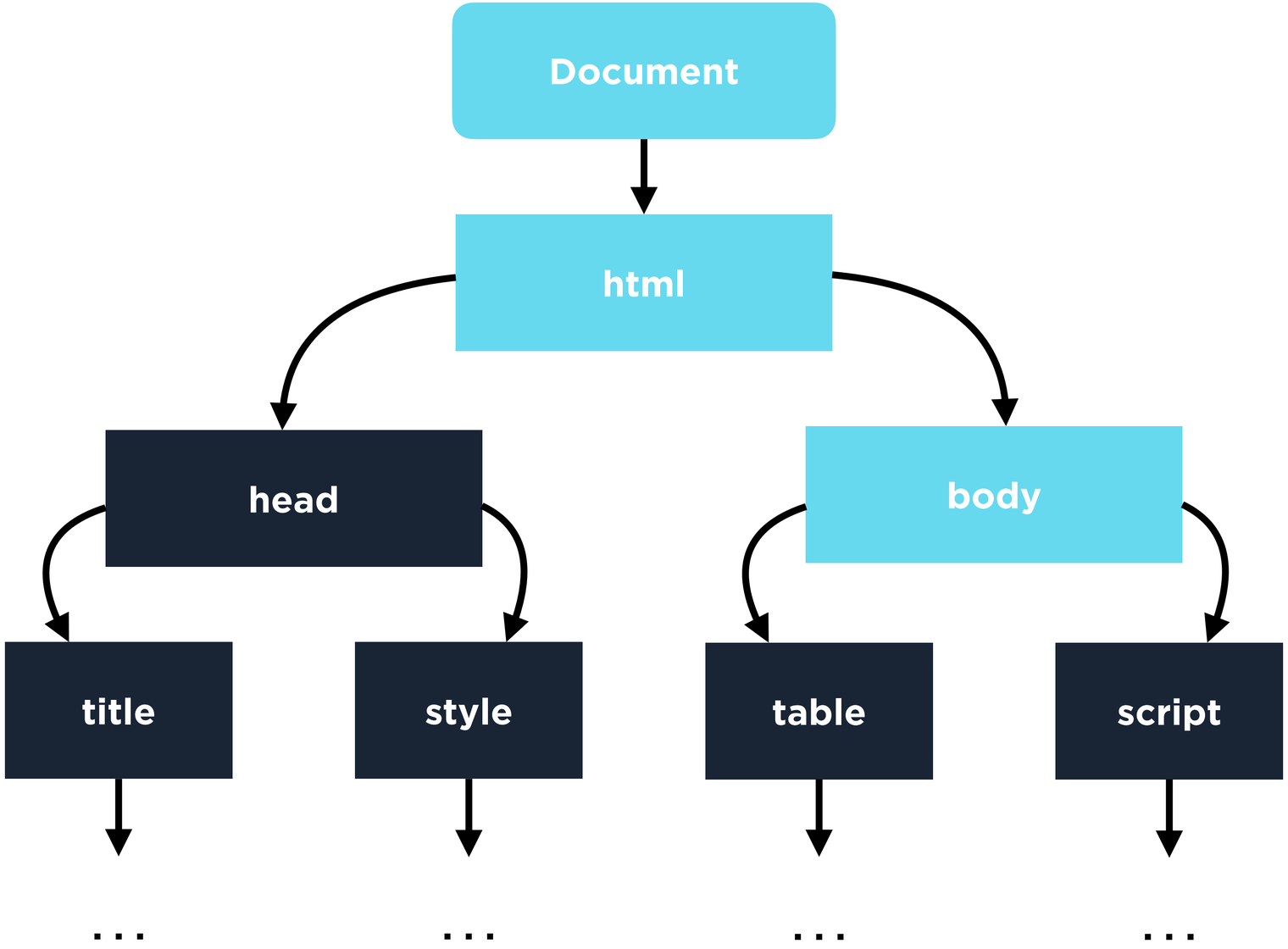
```
<script>
    let team1 = 0;
    let team2 = 0;

    document... = function() {
        ...
    }

    document... = function() {
        ...
    }
</script>
```

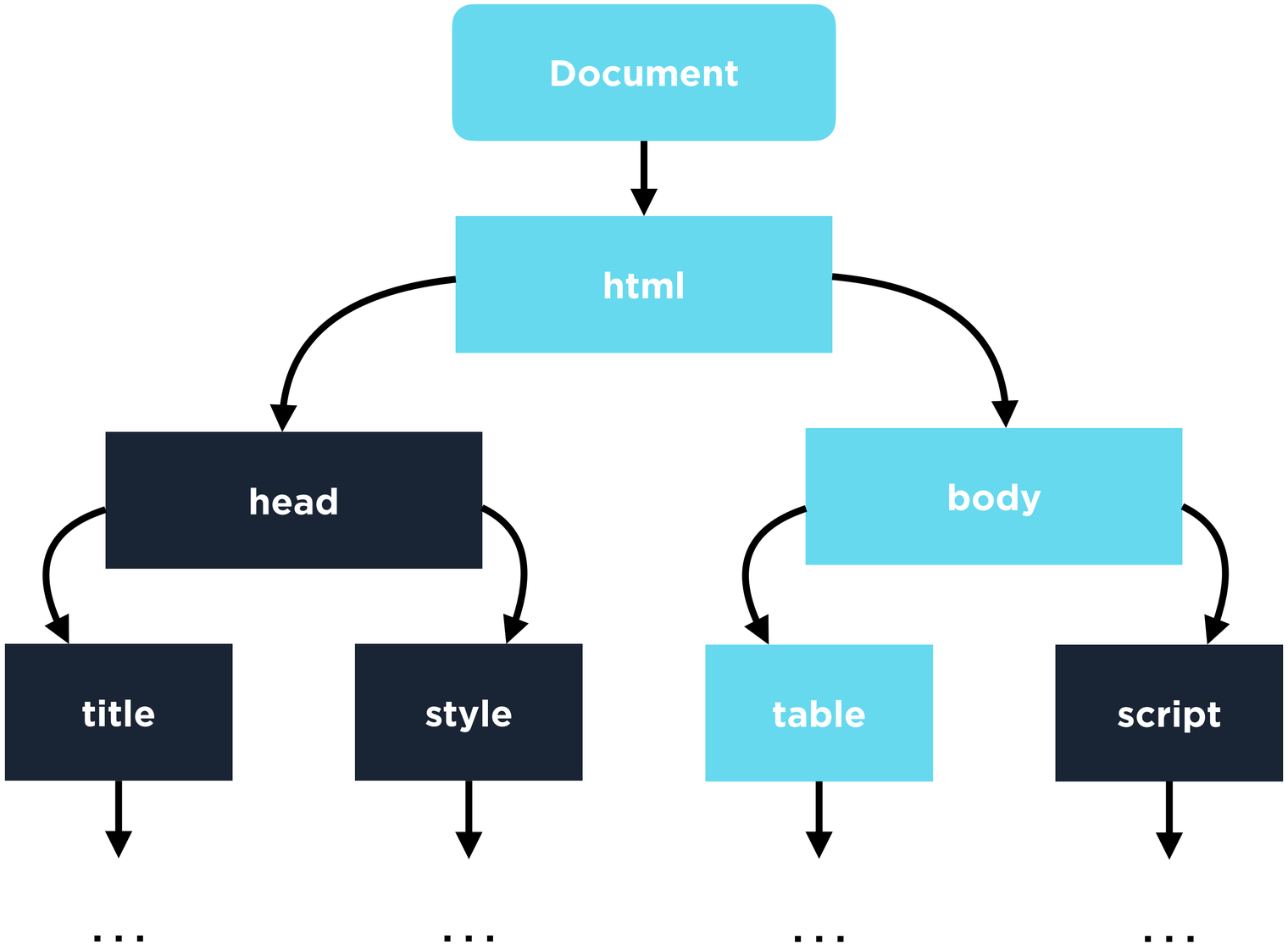


```
document.querySelector("#add1")
```


Document
html
head
body
title
style
table
script
...
...
...
...


Document
html
head
body
title
style
table
script
...
...
...
...


Document
html
head
body
title
style
table
script
...
...
...
...


Document
html
head
body
title
style
table
script
...
...
...
...

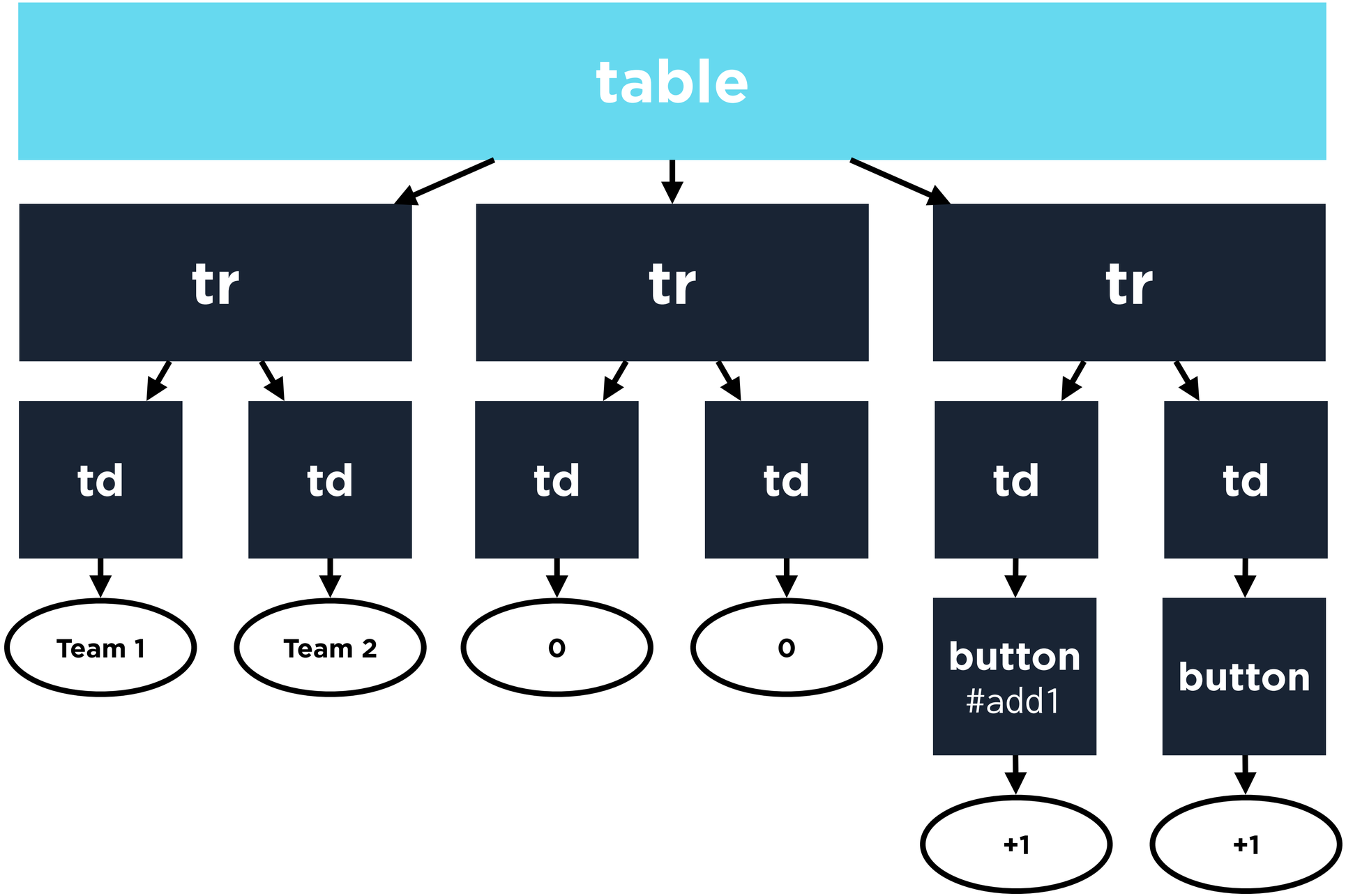


table
tr
tr
tr
td
td
td
td
td
td
Team 1
Team 2
0
0
button
#add1
button
+1
+1

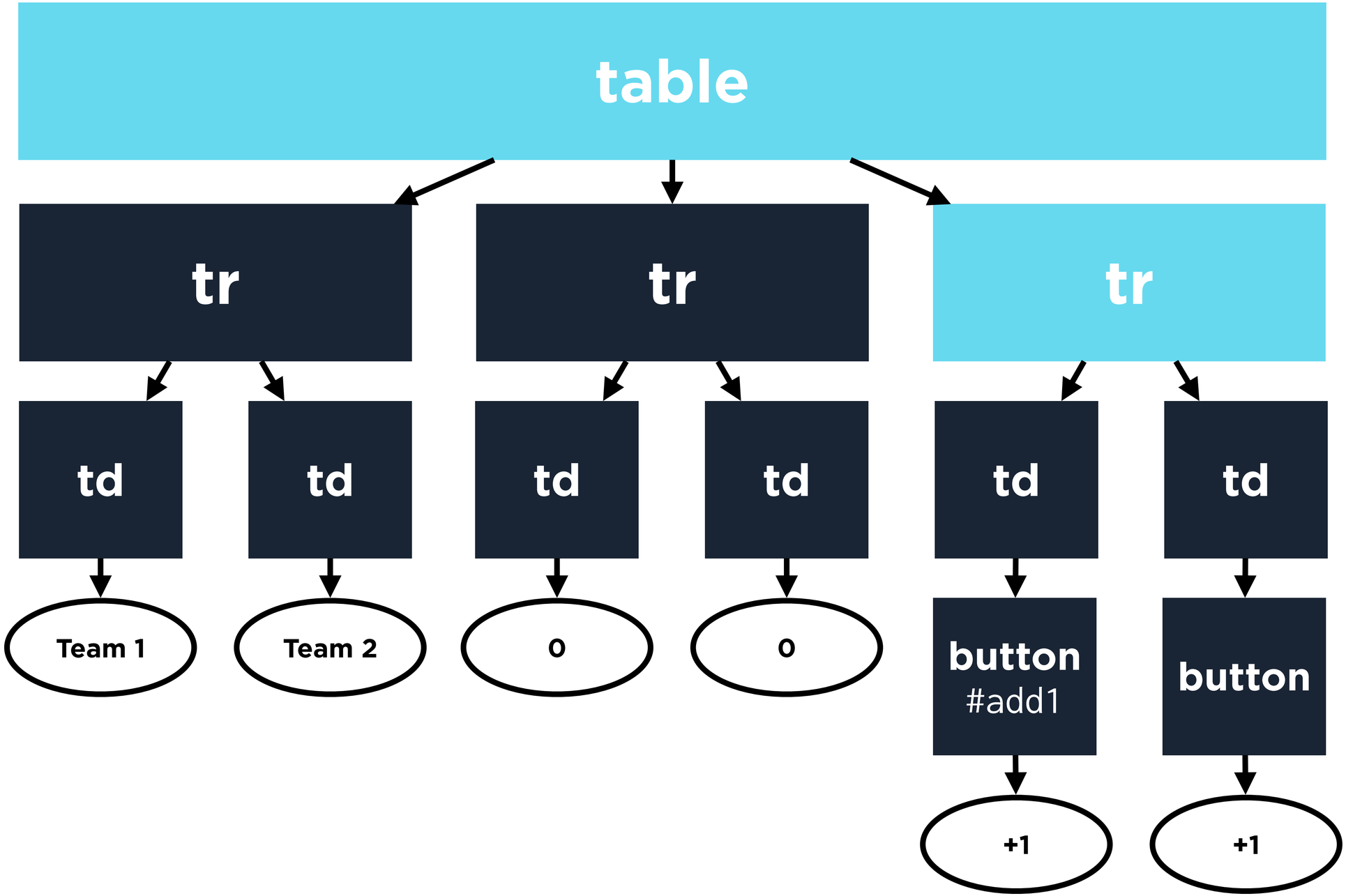


table
tr
tr
tr
td
td
td
td
td
td
Team 1
Team 2
0
0
button
#add1
button
+1
+1

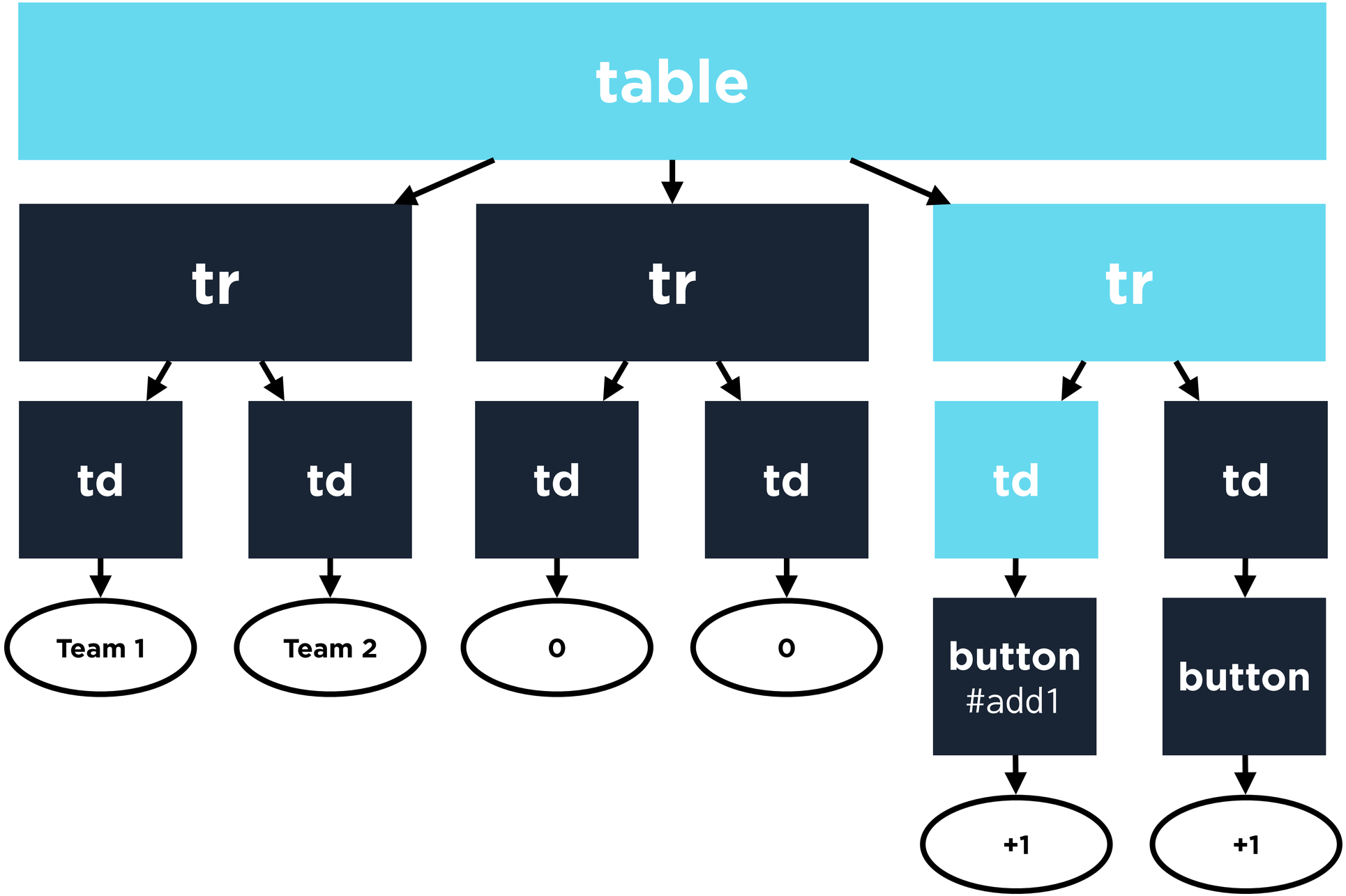


table
tr
tr
tr
td
td
td
td
td
td
Team 1
Team 2
0
0
button
#add1
button
+1
+1

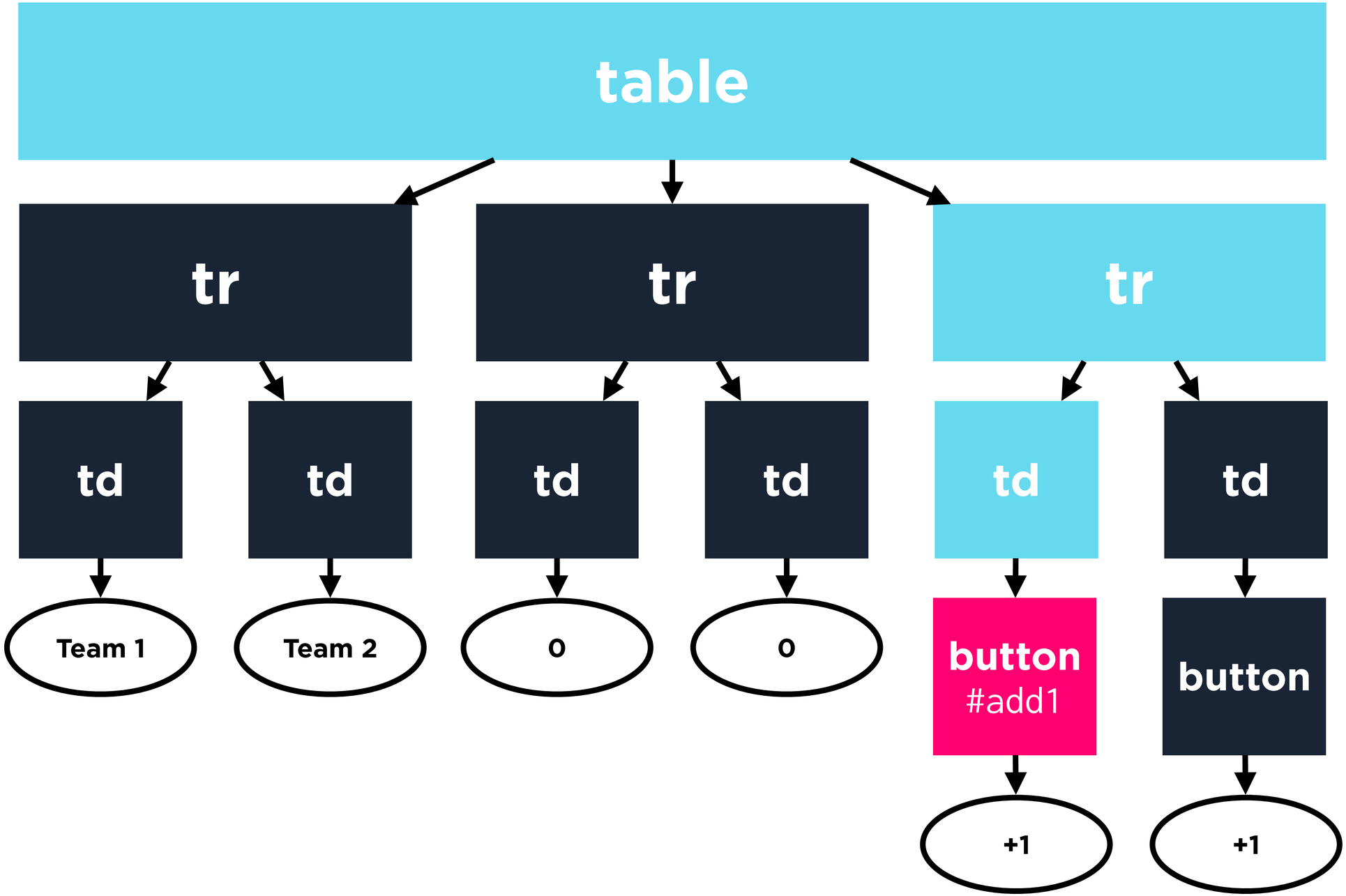


table
tr
tr
tr
td
td
td
td
td
td
Team 1
Team 2
0
0
button
#add1
button
+1
+1

```
document.querySelector("#add1").onclick = function() {
    ...
}
```

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!")`

This was CS50

Section - Week 8