LET'S PLAY

WEBBIE WORKSHOP

Start

ITINERARY

1. Introduction
2. Pre-survey
3. Play Webbie demo game
4. Manually code a website
5. Post-survey

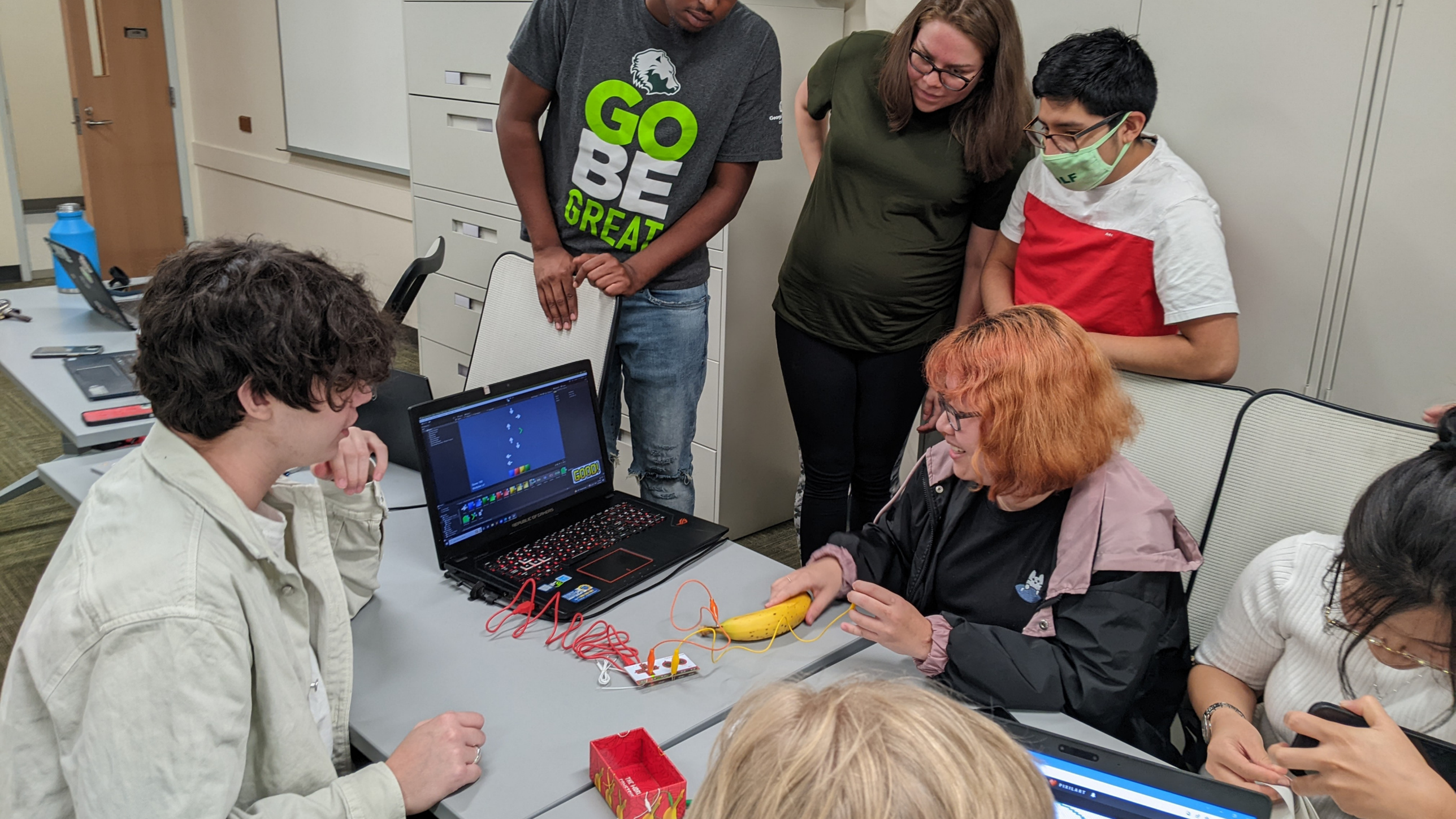
TAP

Technology Ambassador Program

WHAT IS TAP?

- Located at GGC(Georgia Gwinnett College)
- Students interested in technology work together on a project with a goal to teach others
- Work on numerous skills and career development during the process.
- Opportunity to showcase a project in various events

EXIT
EMERGENCY
MOM
PORTLAND
COZMO


GO
BE
GREAT
GOOD!

GRIZZLIES

WEBBIE

IT IS JUST A GAME

PLAY

HELP

an interactive introduction to web development

Webbie DEMO

1

Go to *webbietap.w3spaces.com*

webbietap.w3spaces.com

2

Take the pre-survey

PRE-SURVEY

3

Play our webbie demo game

PLAY

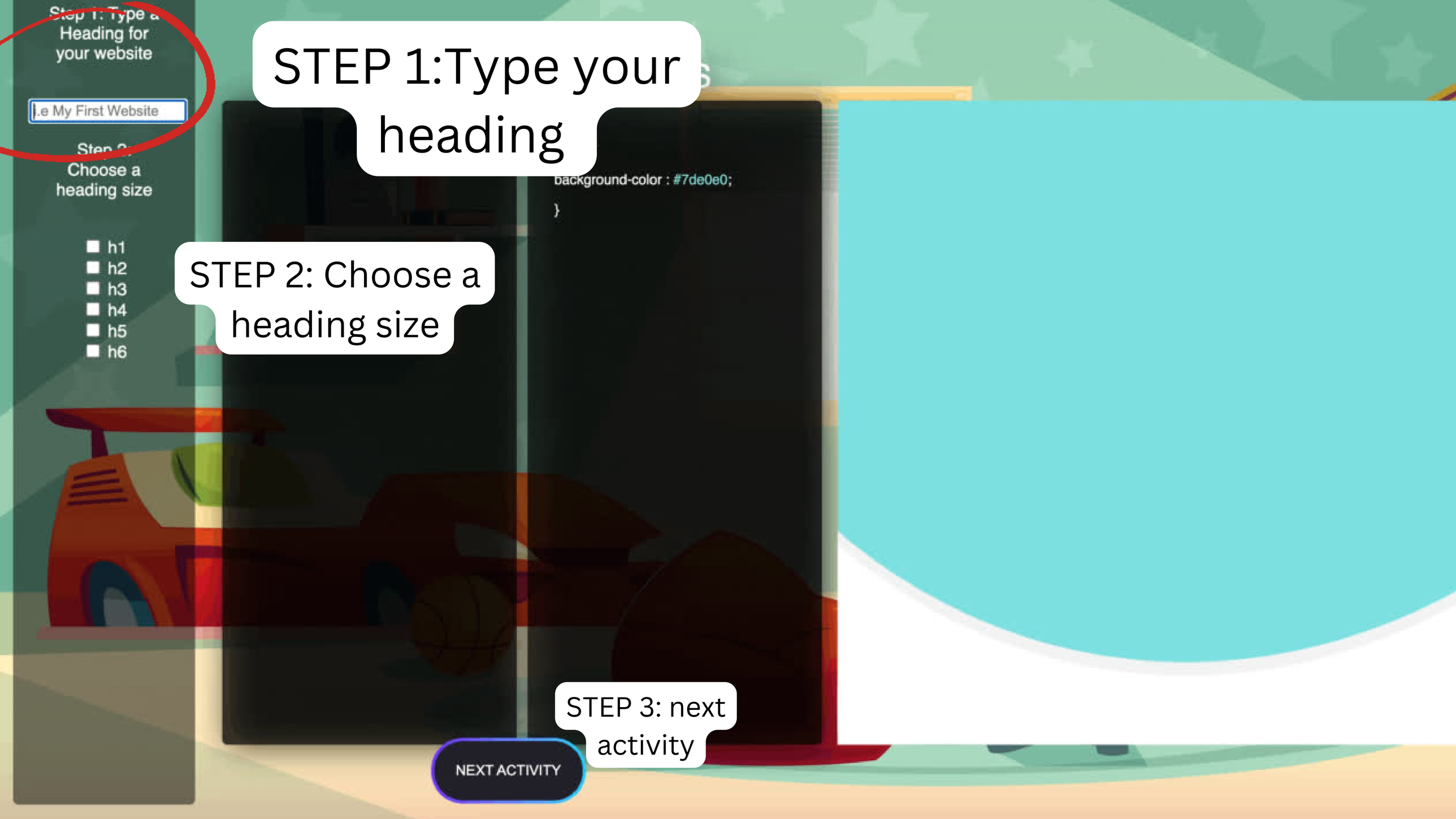
DRAG and DROP a background color to CSS

Pick your own background color:

HTML

CSS

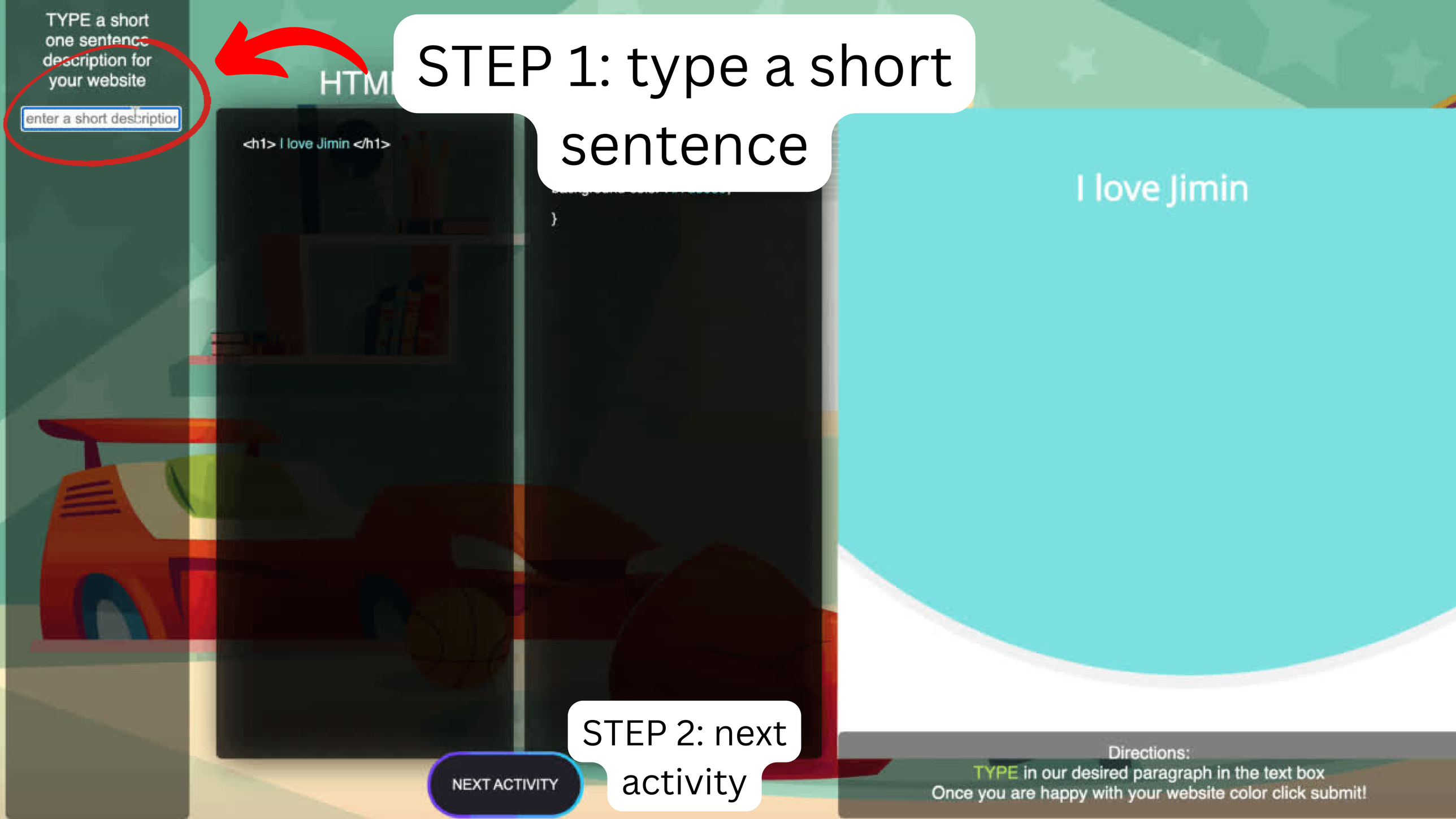
NEXT ACTIVITY



STEP 1:Type your heading

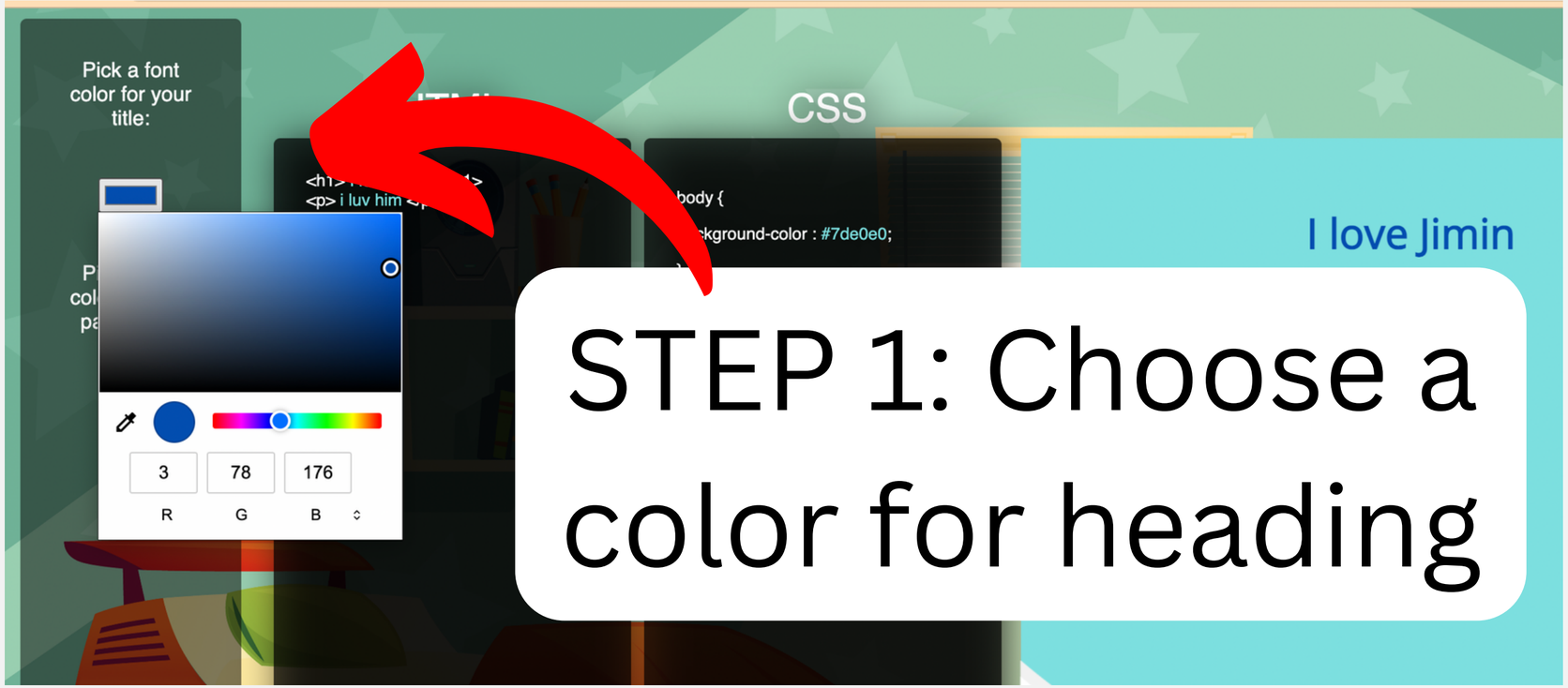
STEP 2: Choose a heading size

STEP 3: next activity

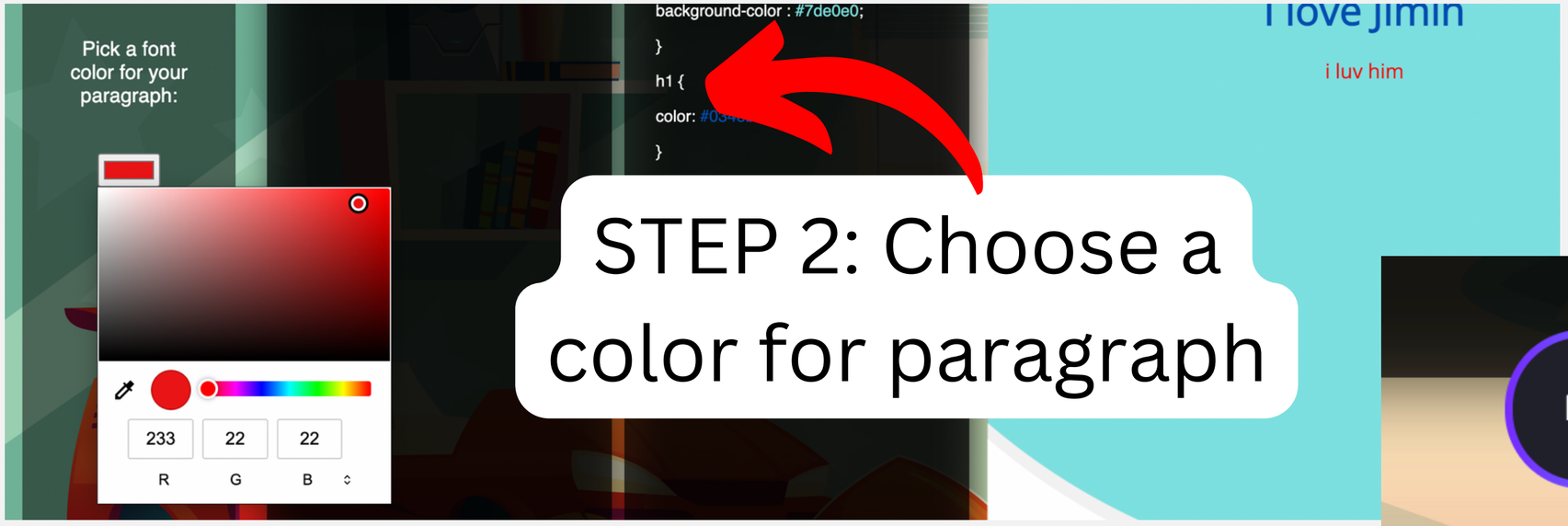


STEP 1: type a short sentence

STEP 2: next activity

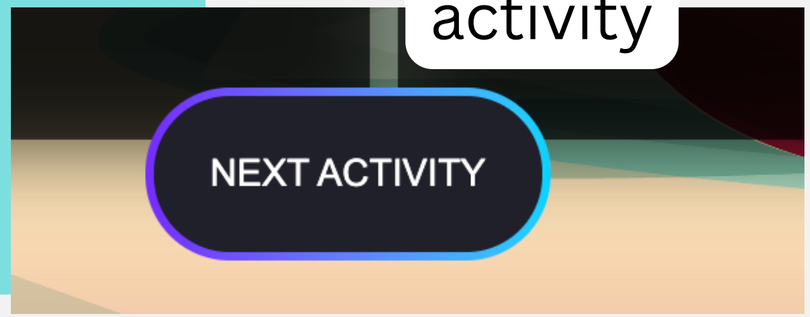


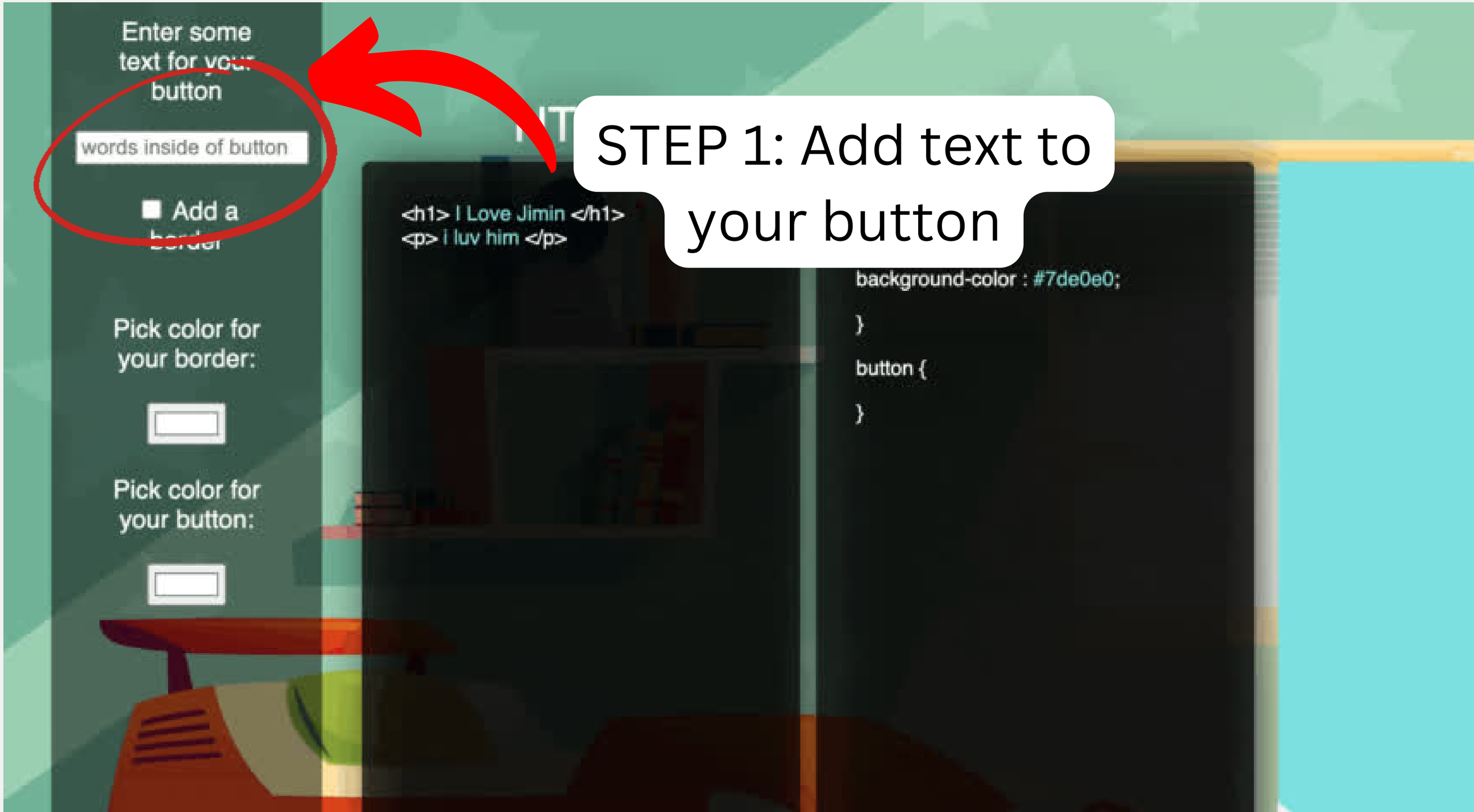
STEP 1: Choose a color for heading



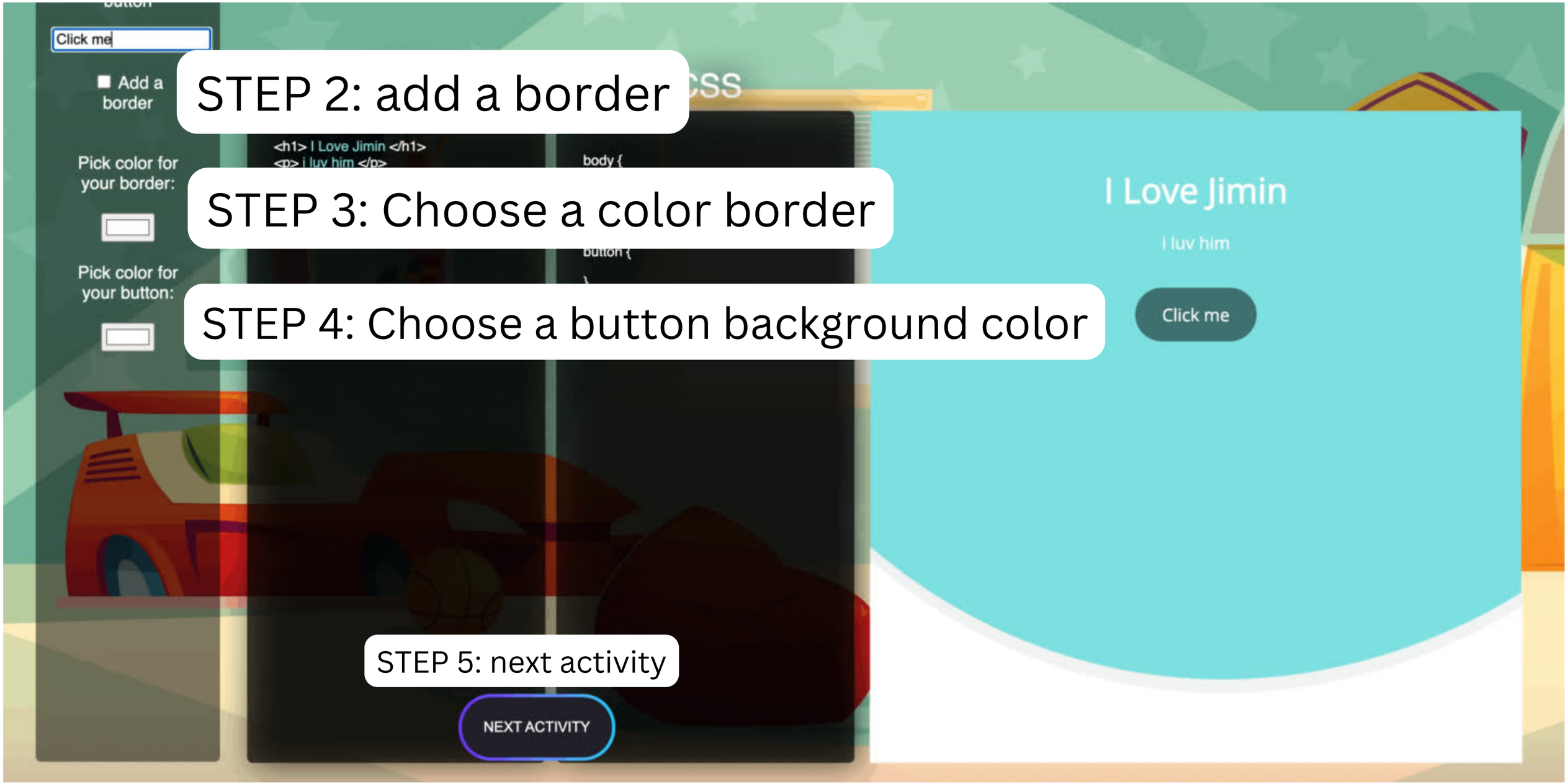
STEP 2: Choose a color for paragraph

STEP 3: next activity





STEP 1: Add text to your button



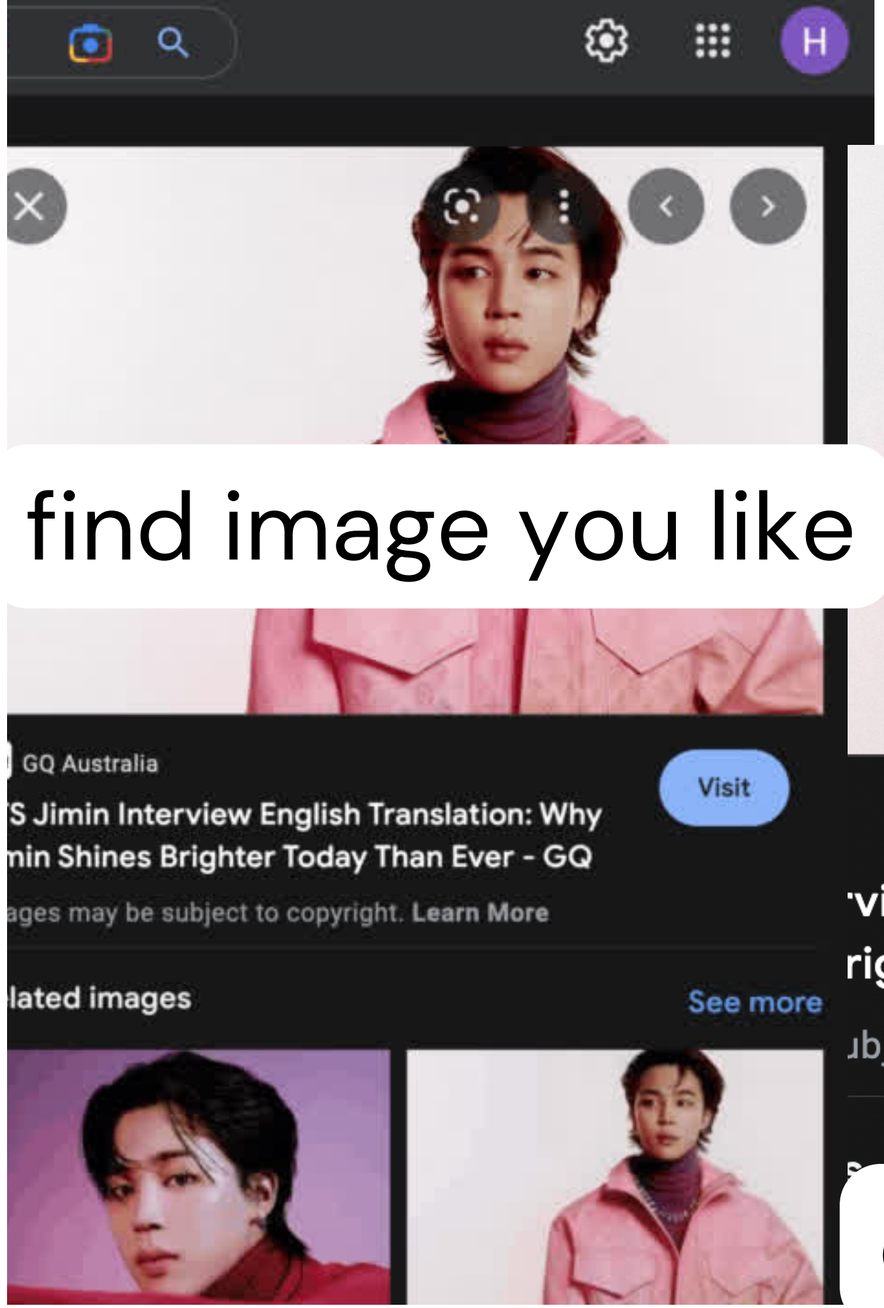
STEP 2: add a border

STEP 3: Choose a color border

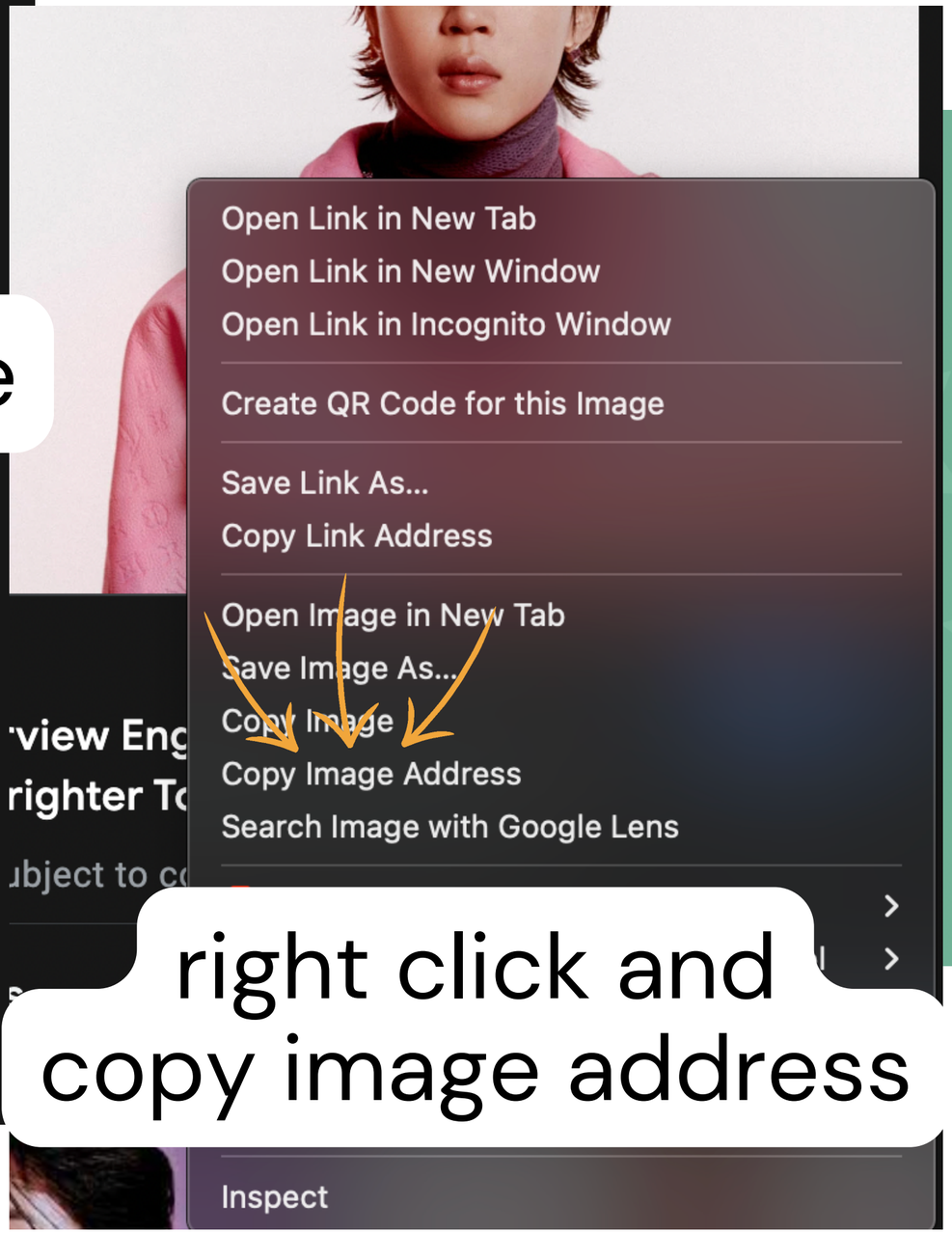
STEP 4: Choose a button background color

STEP 5: next activity

Home
About
Contact
Link 4
Link Name
.e News
Link URL
paste a link here
STEP 1: Give a name to link 4
HTML
<h1> I Love Jimin </h1>
STEP 2: type a link



find image you like



right click and copy image address

paste here

Images

Step 2: Right click the image and select 'Copy Image Address"

Step 3: Paste the adress here :

paste image address

HTML

```
<h1> I love Jimin </h1>
<p> i luv him </p>
<button> Click me <button>
<a href = 'http://ww.youtube.com'>
Youtube <a>
```

CSS

```
body {
background-color : #de5cab;
}
h1 {
color: #750058;
}
p {
color: #ffcccc;
}
button {
}
```

Home About Contact Youtube

I love Jimin

i luv him

Click me

Directions:
COPY AND PASTE the image address of your desired background image in the box

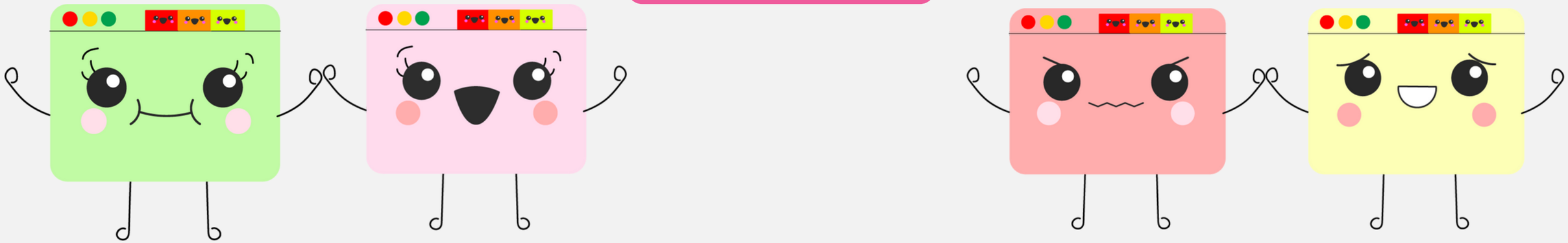
NEXT ACTIVITY

YOU HAVE NOW DESIGNED YOUR VERY OWN WEBSITE!

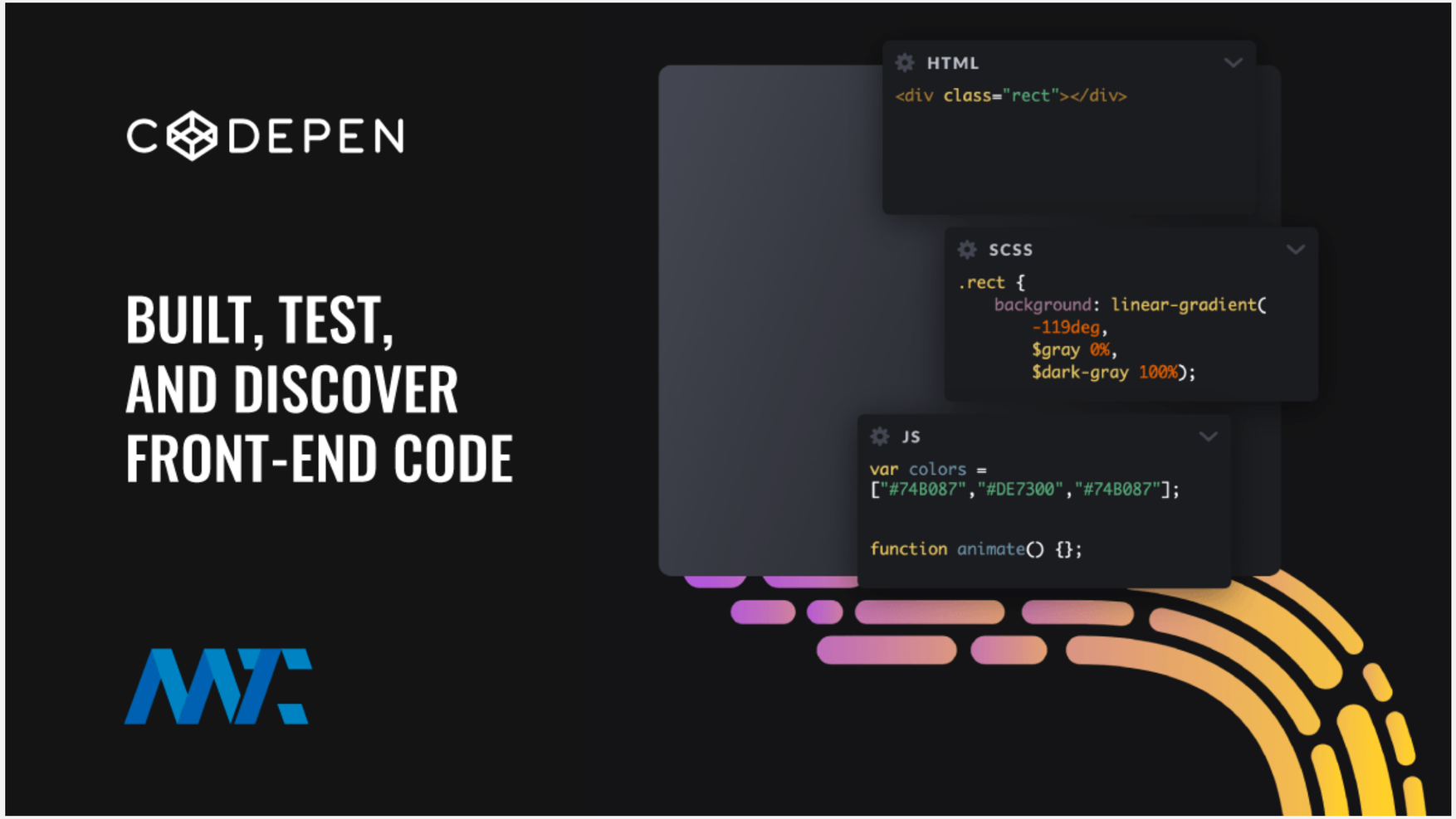
TAKE A PICTURE OF YOUR MASTER PIECE

LET'S CODE A WEBSITE!

START



CODEPEN


CODEPEN
BUILT, TEST,
AND DISCOVER
FRONT-END CODE
HTML

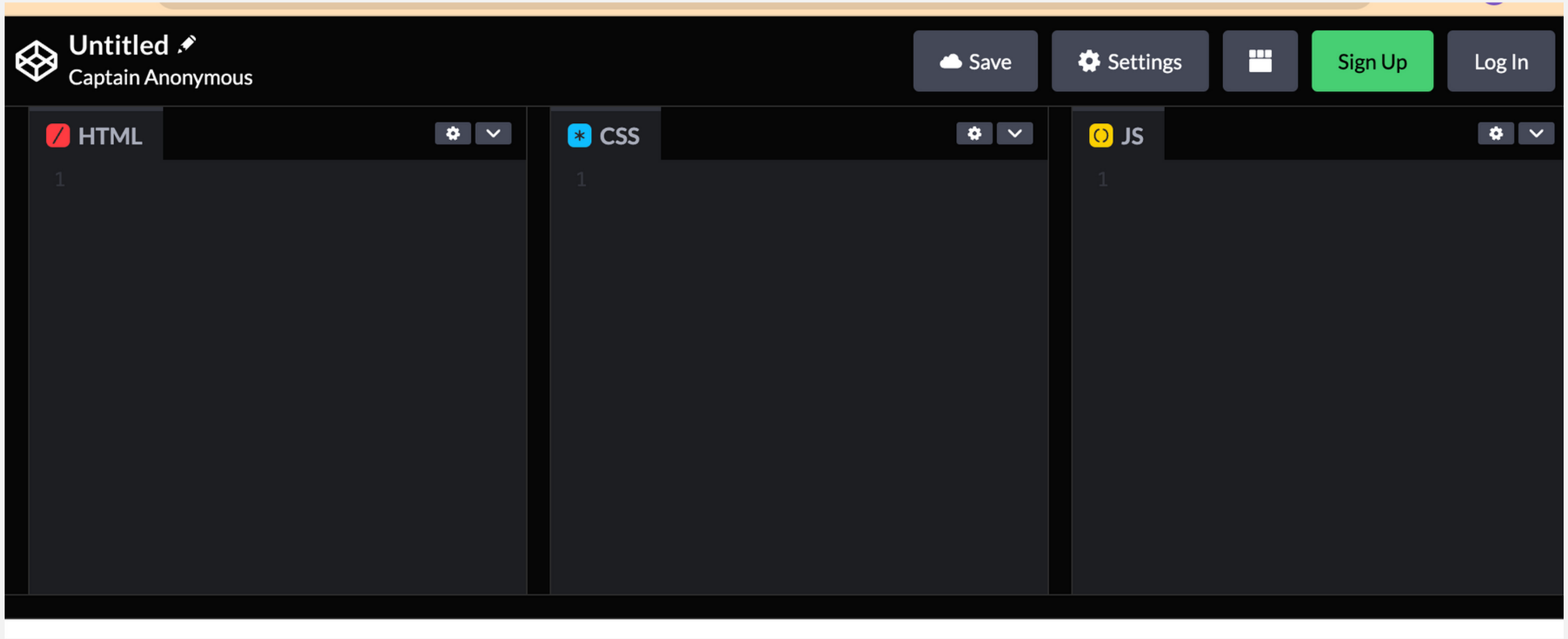
SCSS
.rect {
background: linear-gradient(
-119deg,
$gray 0%,
$dark-gray 100%);
JS
var colors =
["#74B087","#DE7300","#74B087"];
function animate() {};

CODEPEN

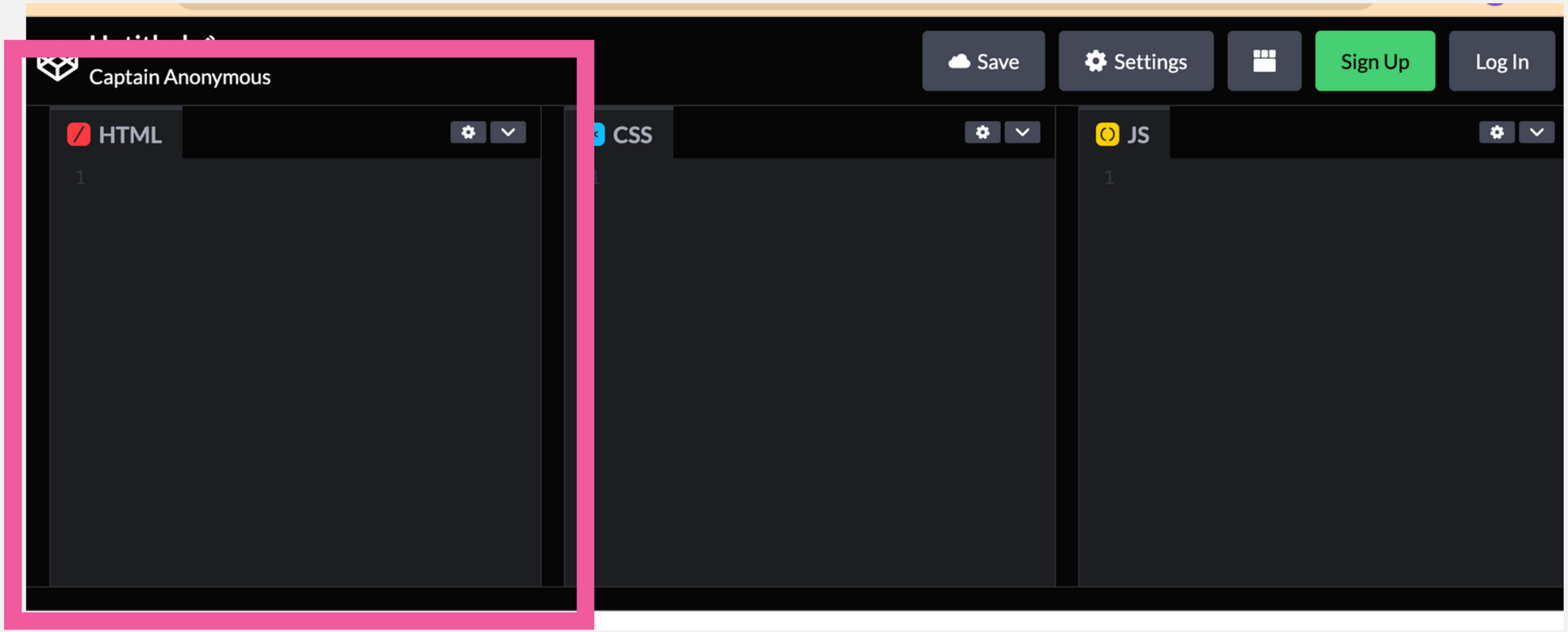
Navigate to codepen.io

CODEPEN

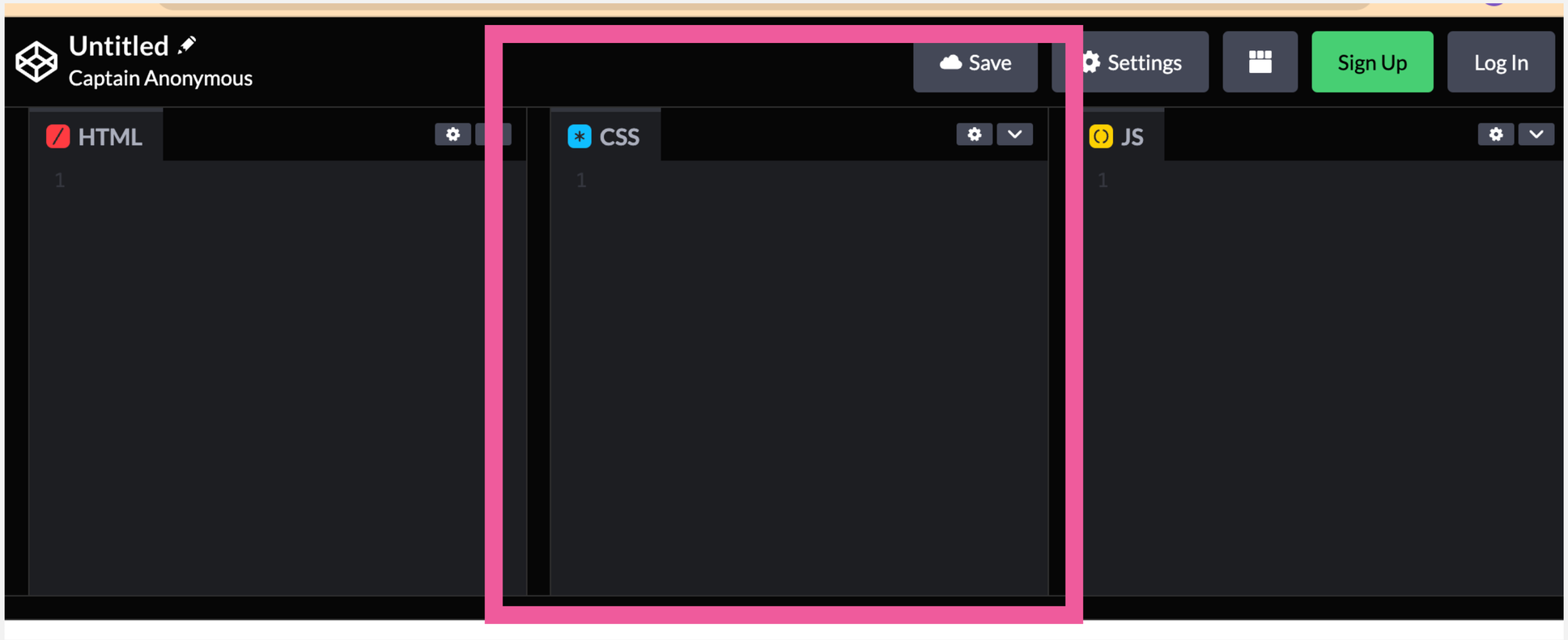
Click the start coding button



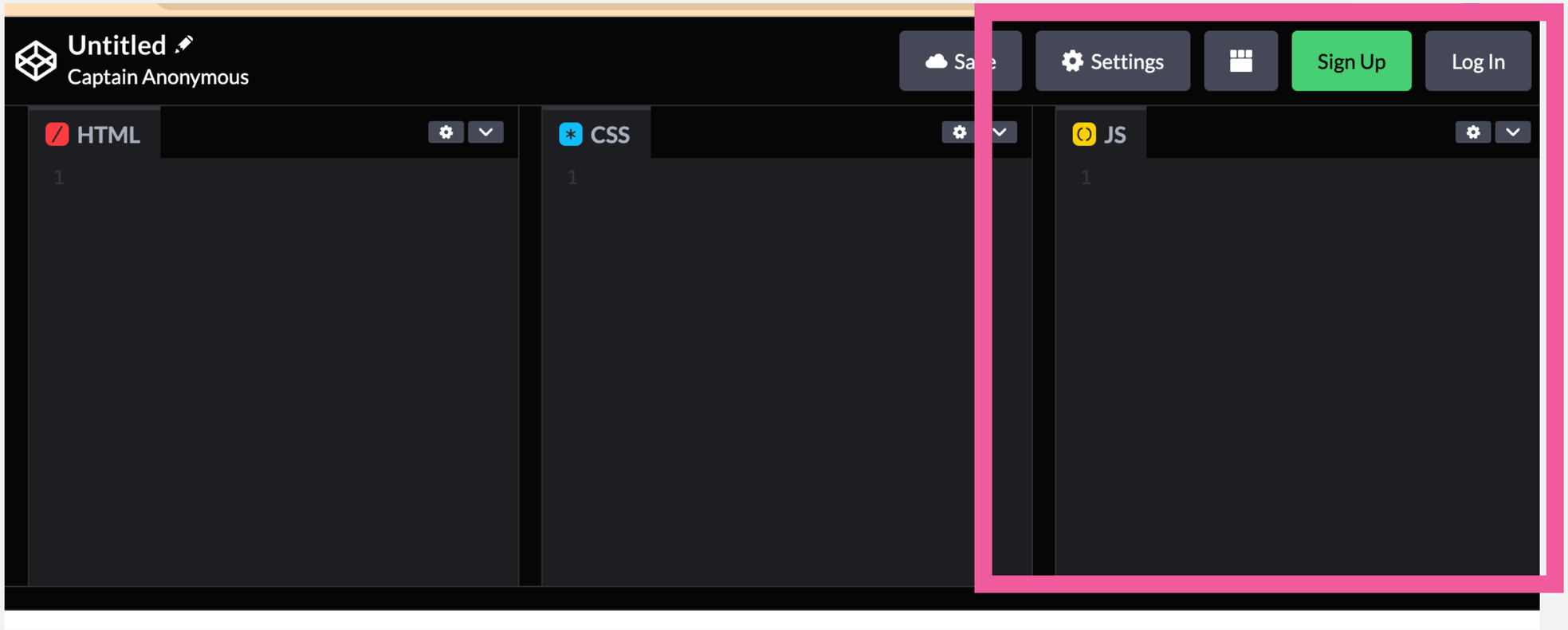
Similar to the webbie game, Codepen has provided us with 3 consoles



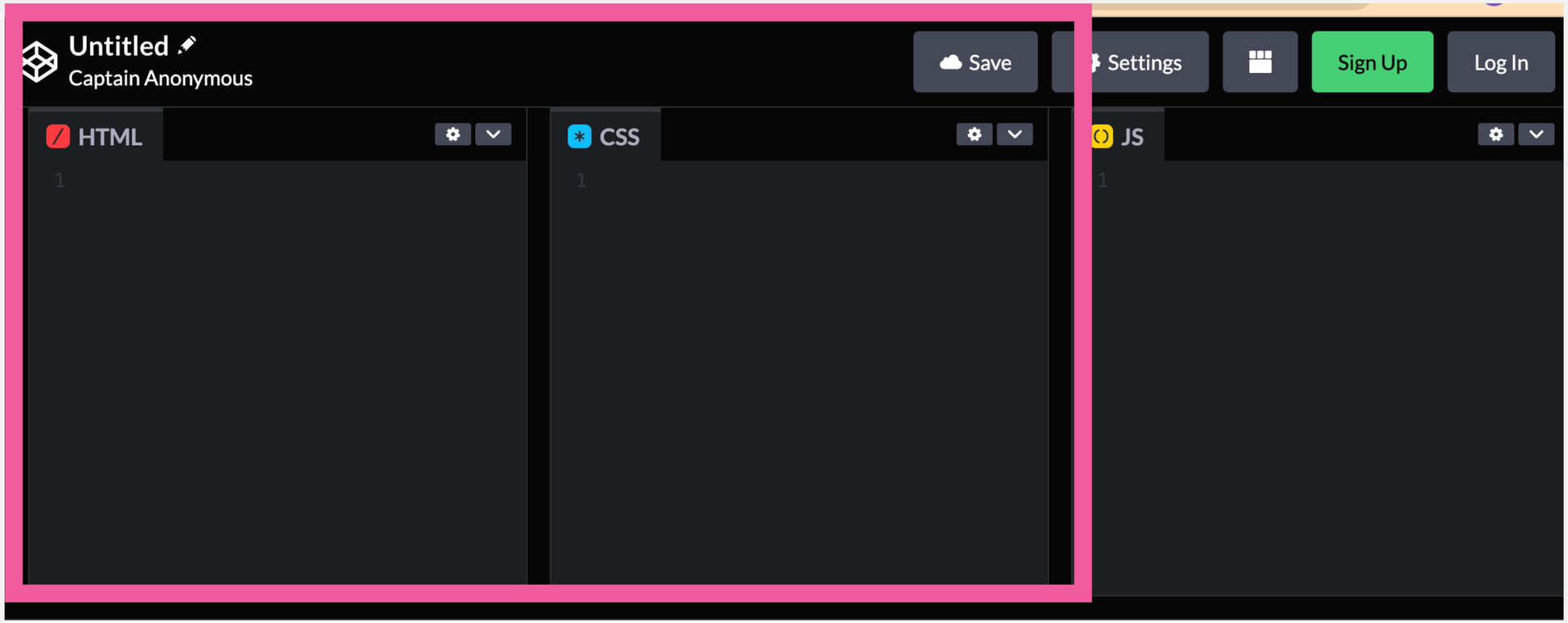
An HTML console for our HTML code



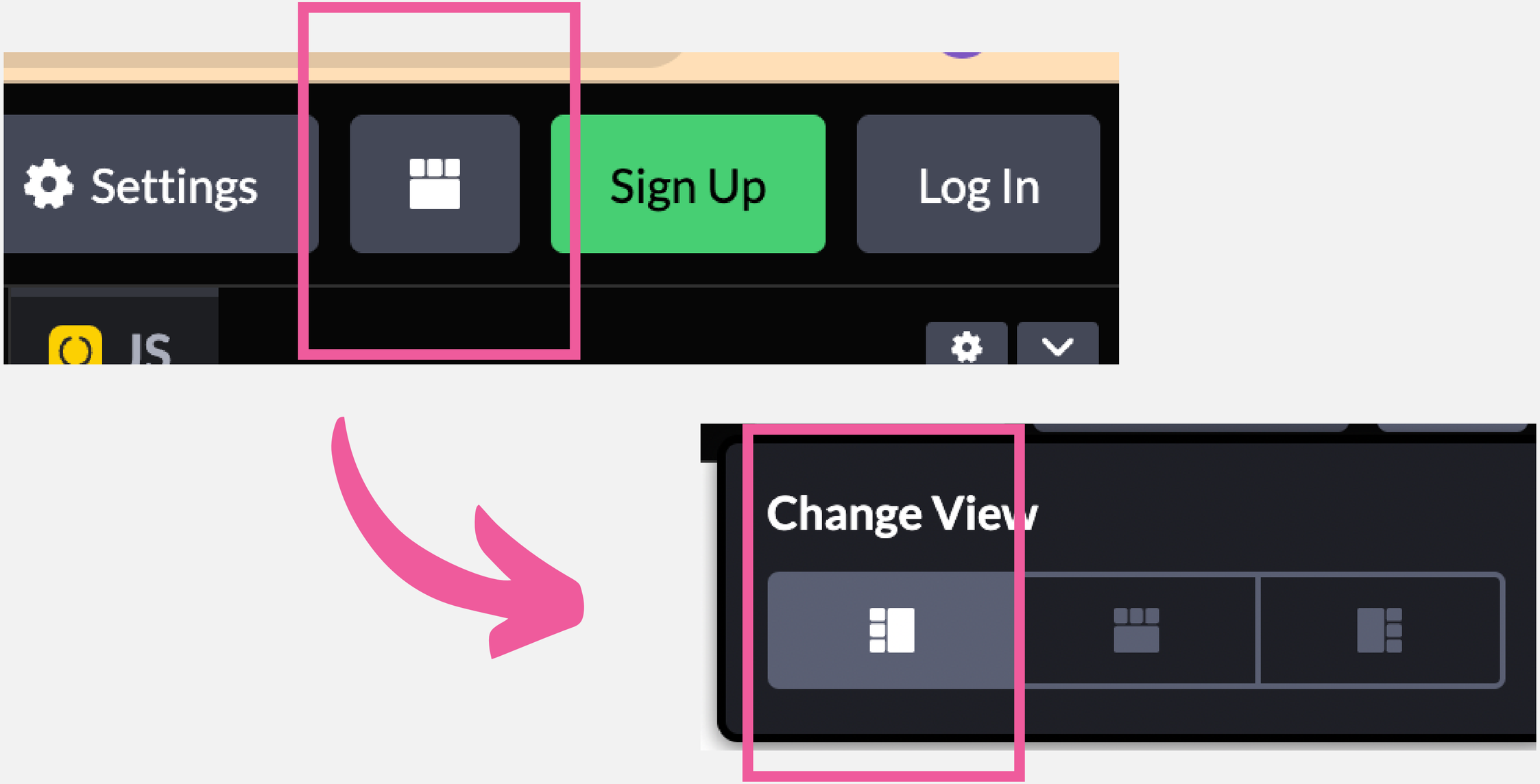
An CSS console for our CSS code



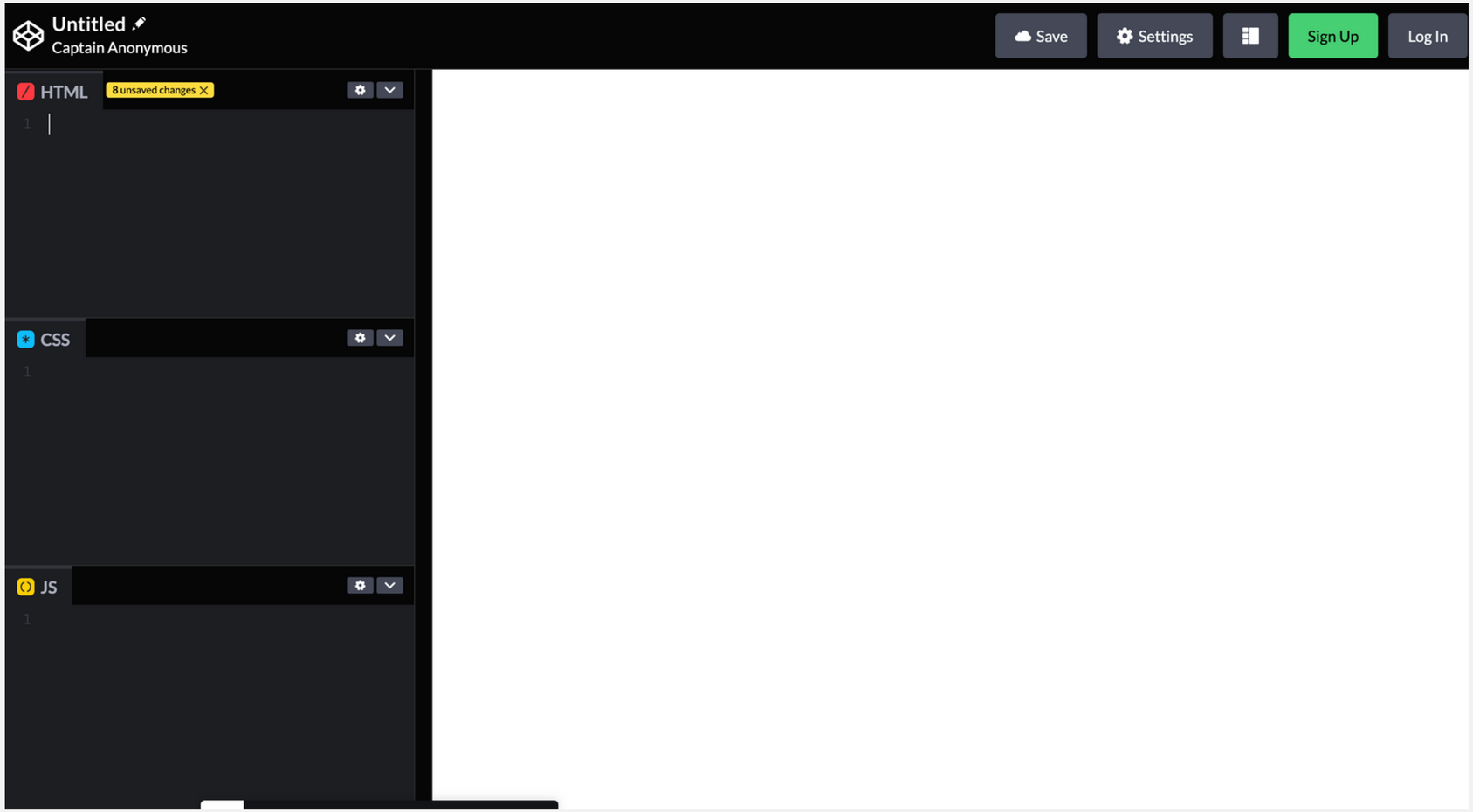
And a JS console for our JS code



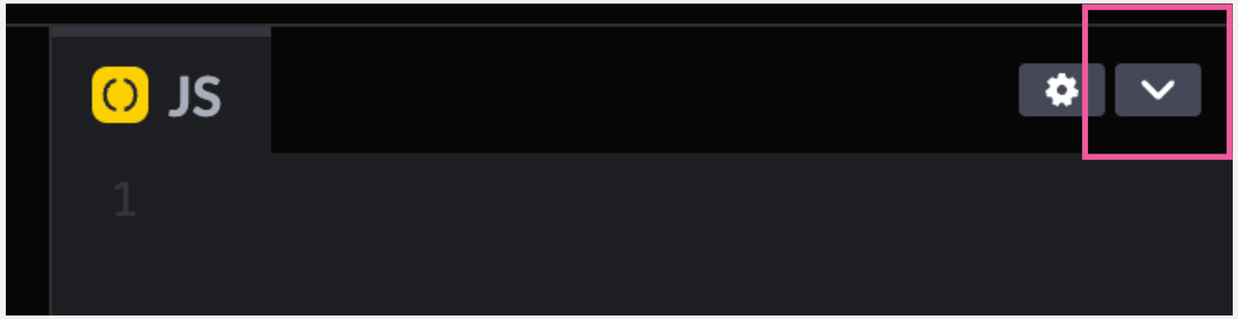
In this activity we will only focus on HTML and CSS

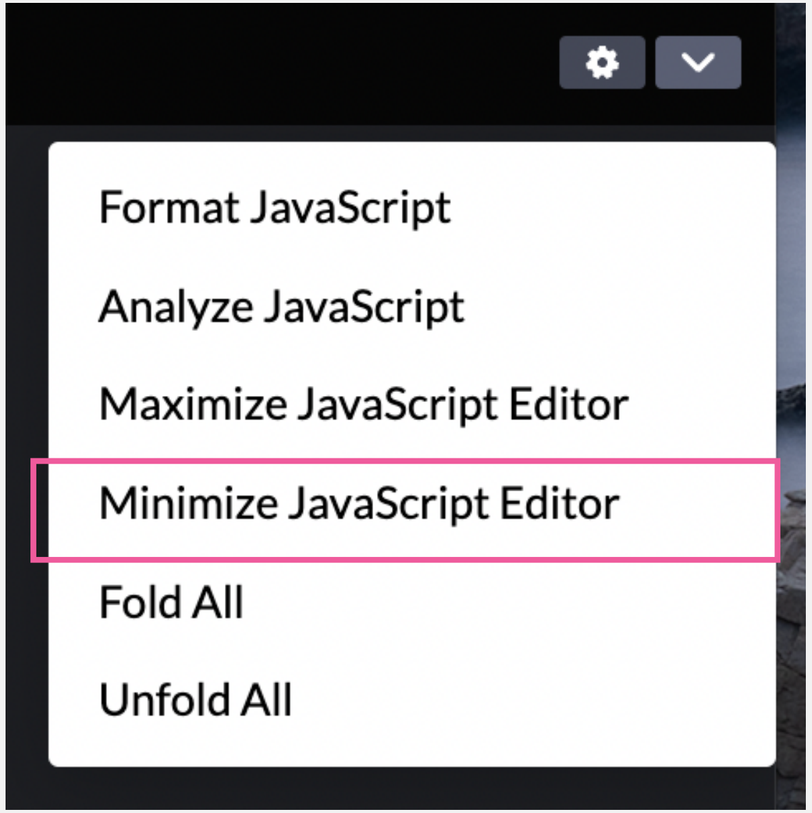


Let's also change our view mode

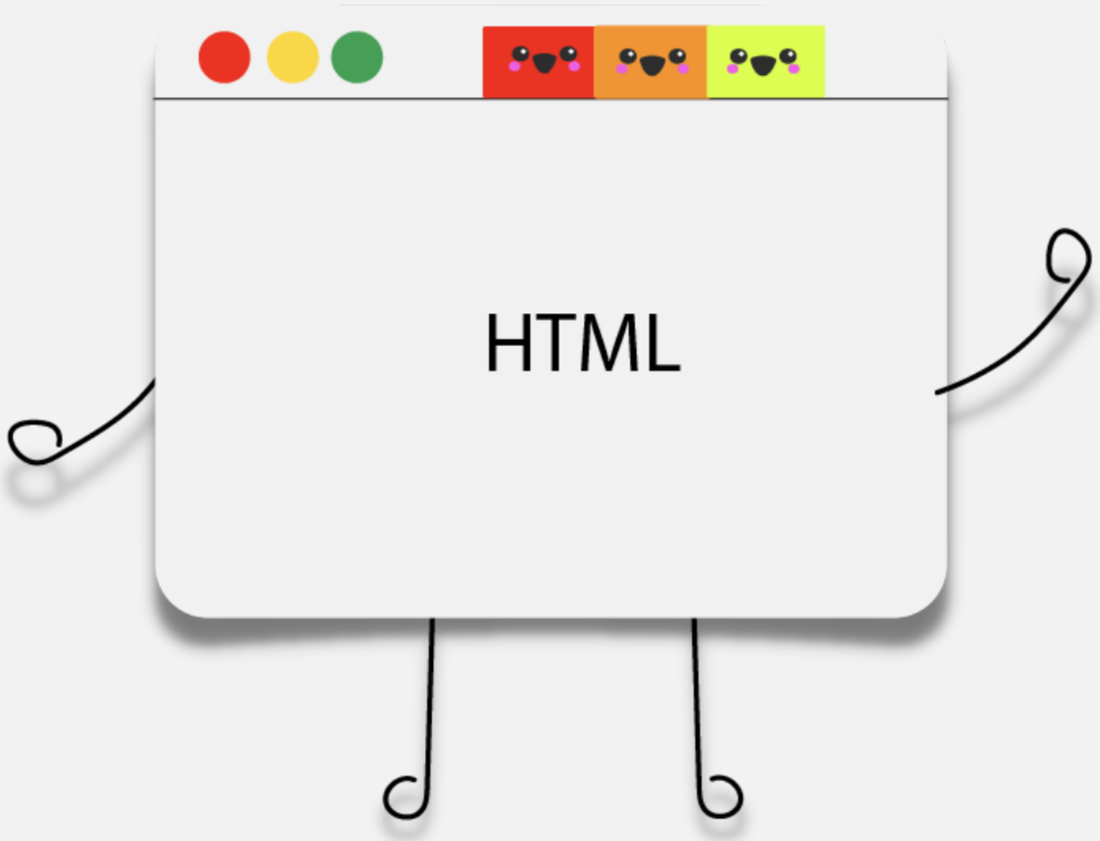


Now you should be able to see your website and consoles side by side

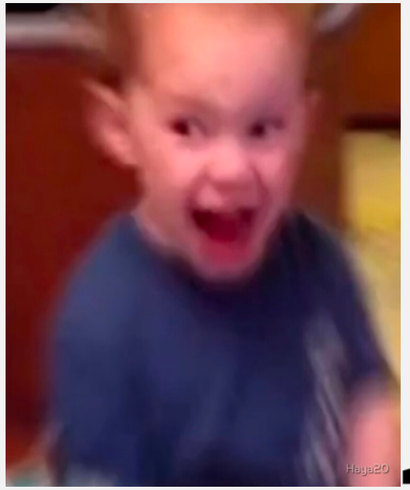




lets minimize the JS Console
so you have more space

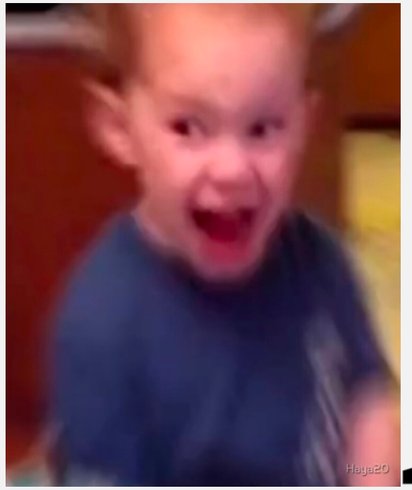

HTML

What does HTML Stand for?



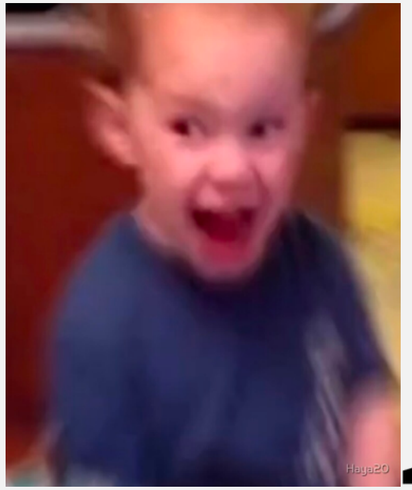
Aa

HyperText



Aa

HyperText Markup



Aa

HyperText Markup Language

HTML is the standard markup language for creating Web pages.

Aa

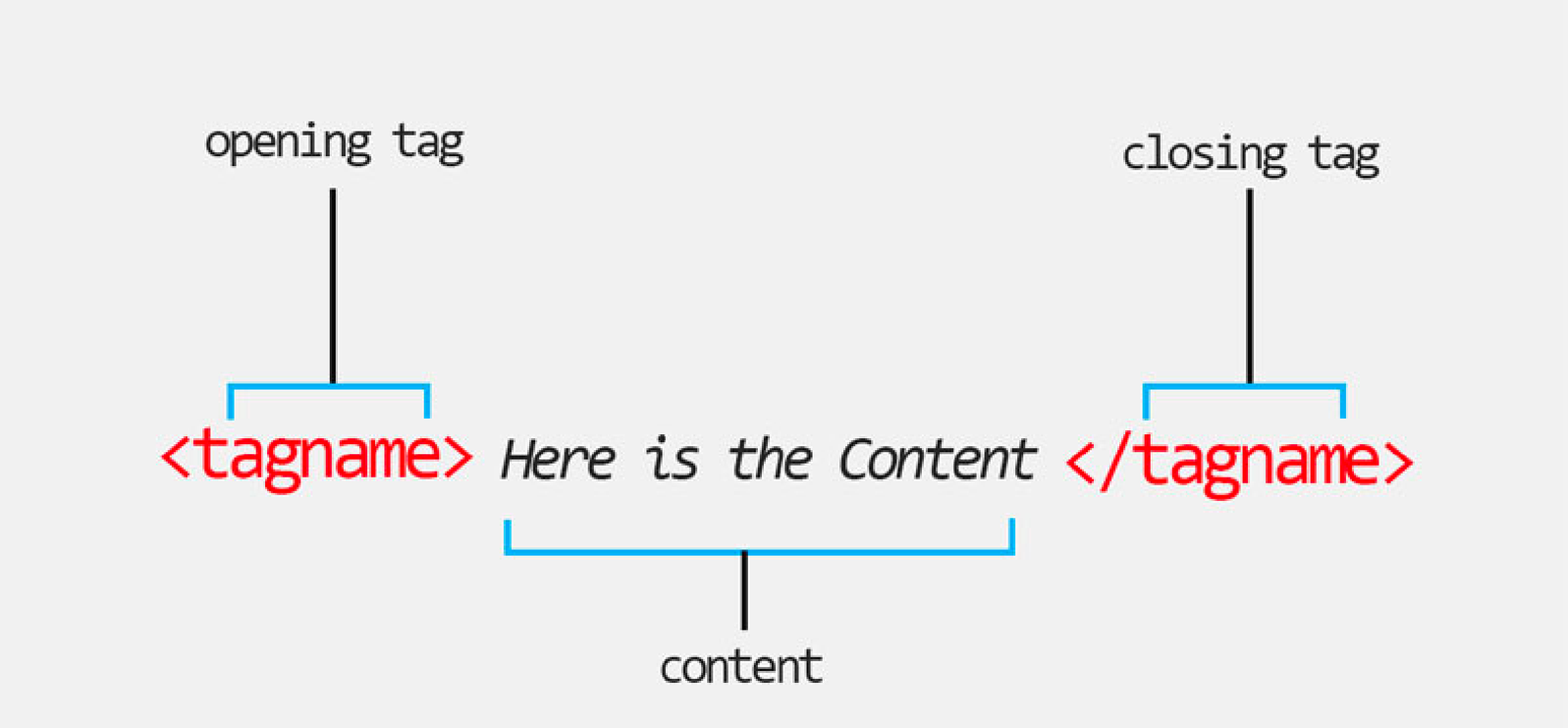
Text

Images

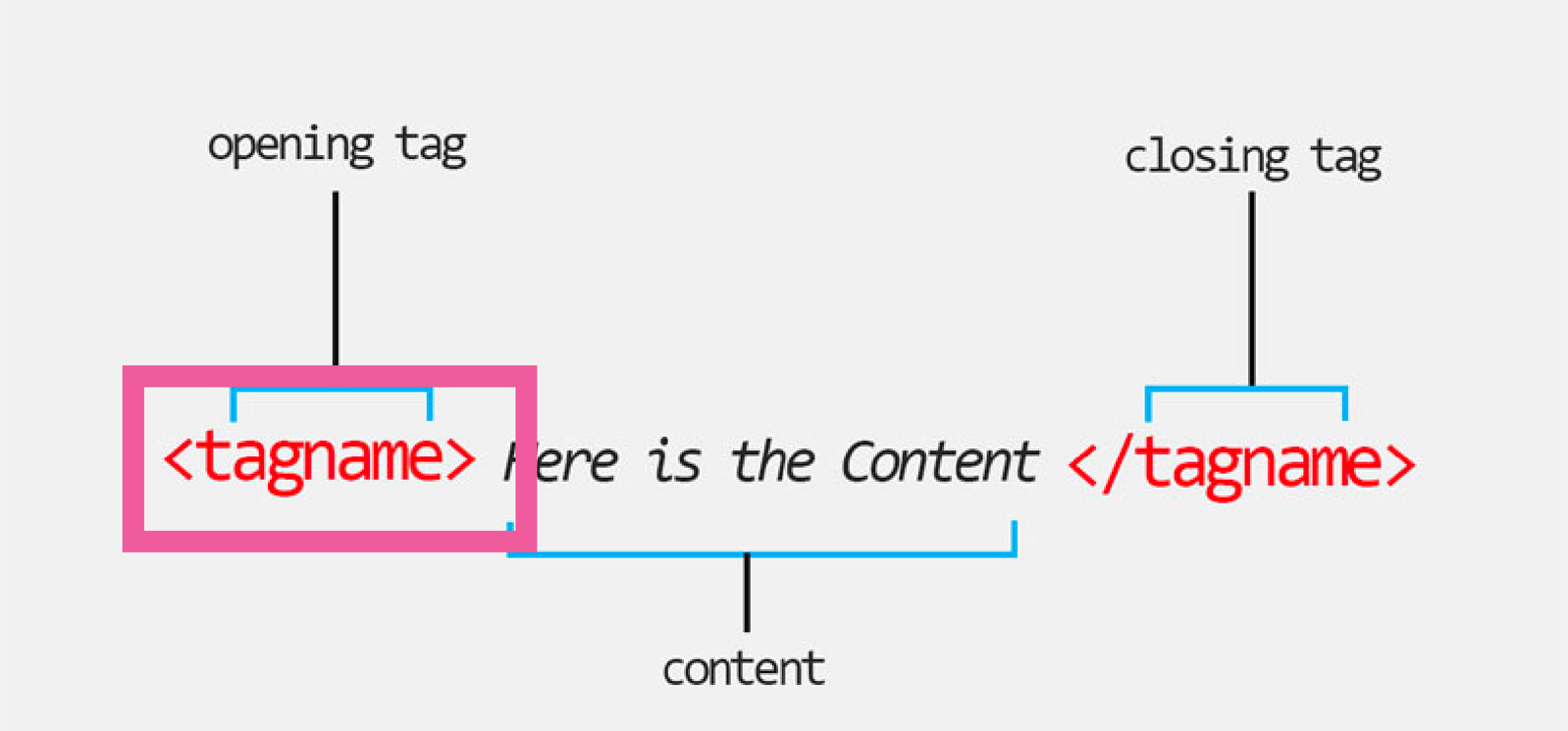
Forms

Buttons

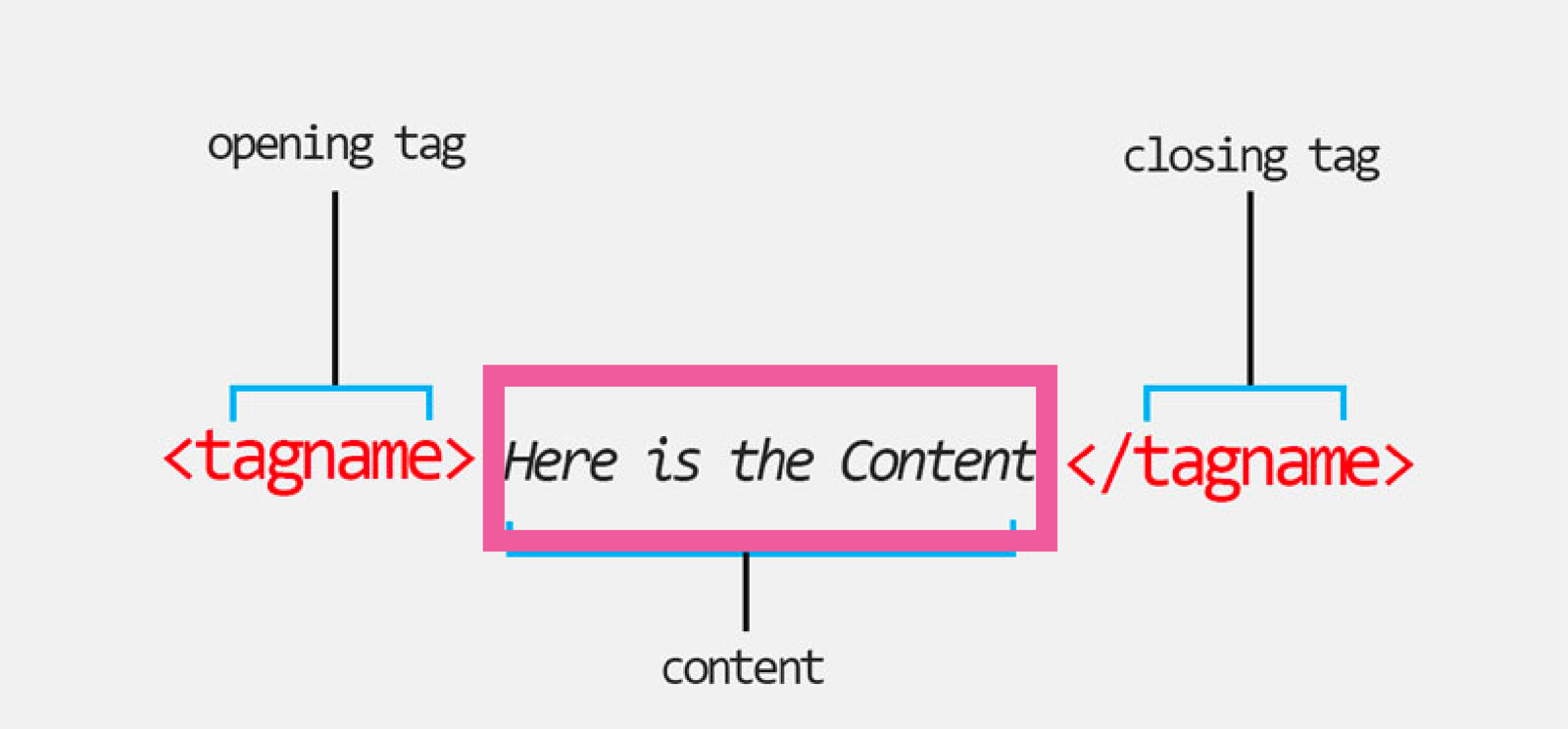
We use HTML to add elements to our webpages



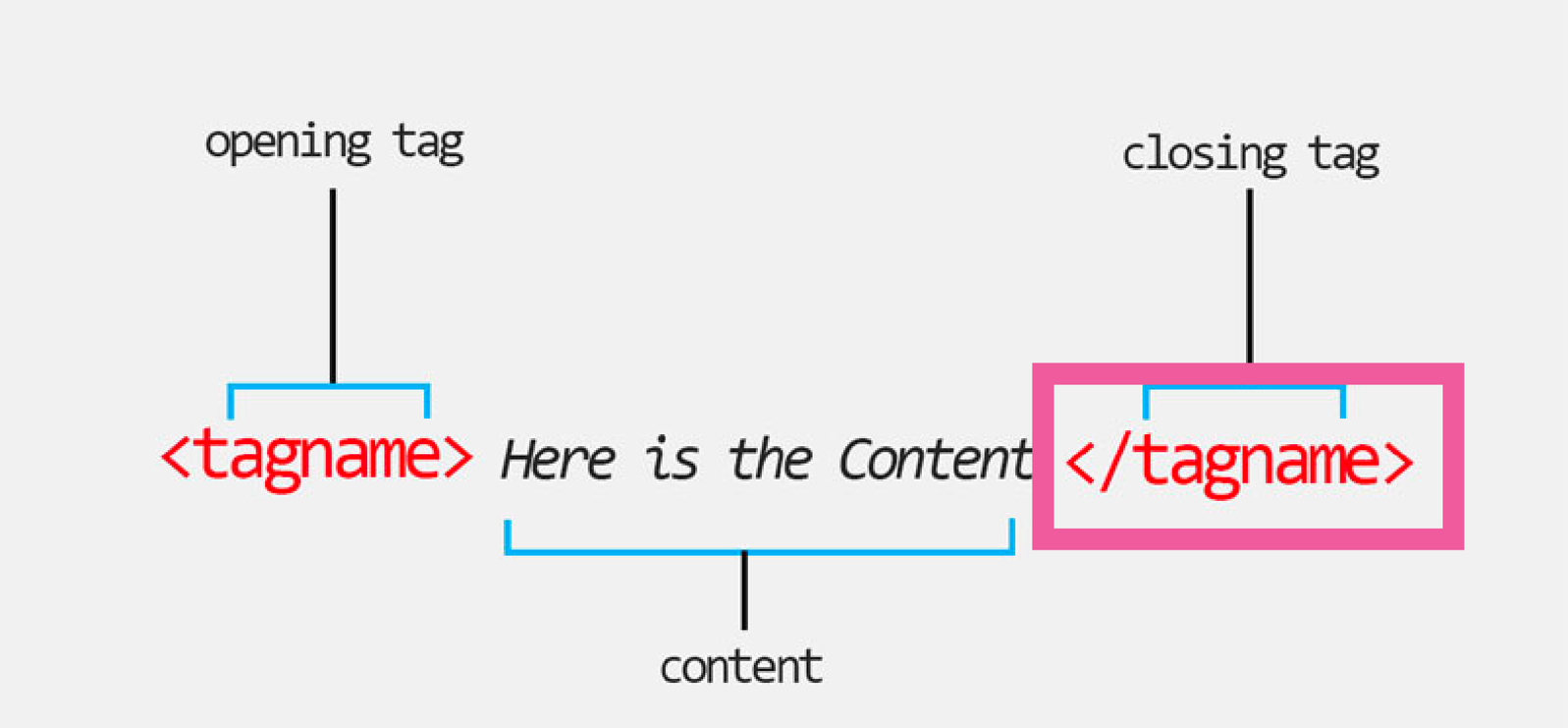
HTML adds elements to your site by using tags



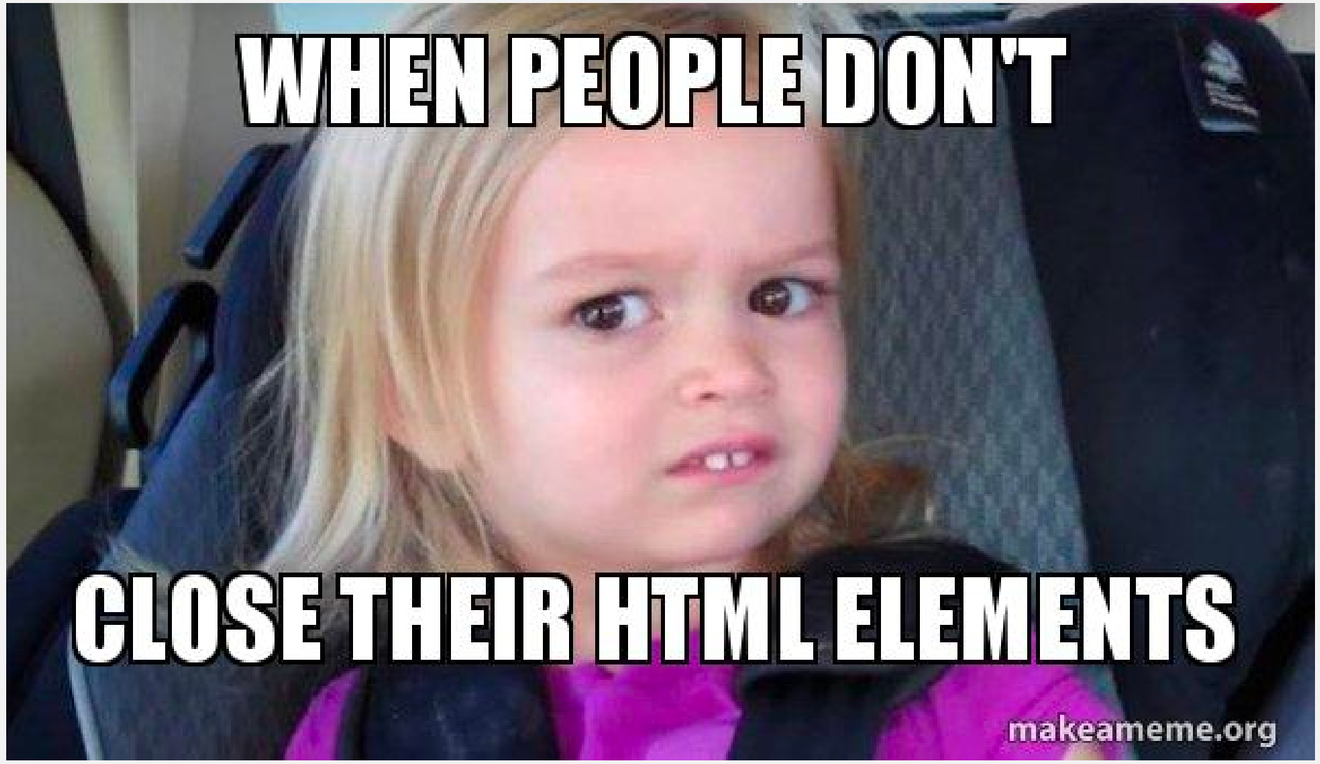
An opening tag

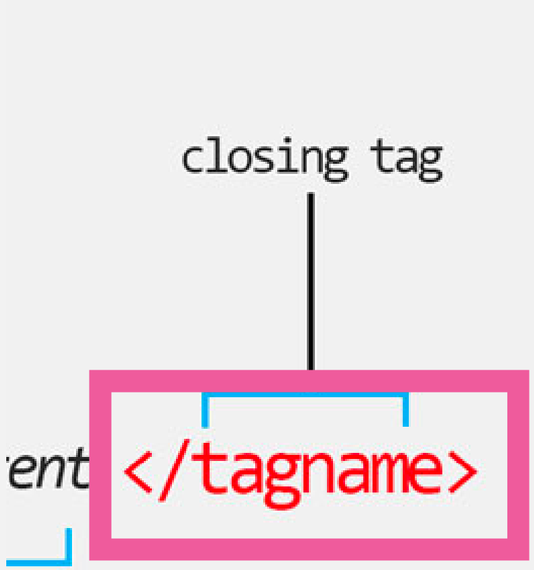


Some content we'd like to show on our element



And a closing tag to complete the creation of the element





P.S make sure to close your tags!

<h1>

heading tags

<h1> -> <h6>

- The h1 to h6 tags are used to create headings
- these can be titles or subtitles

Heading 1

Heading 2

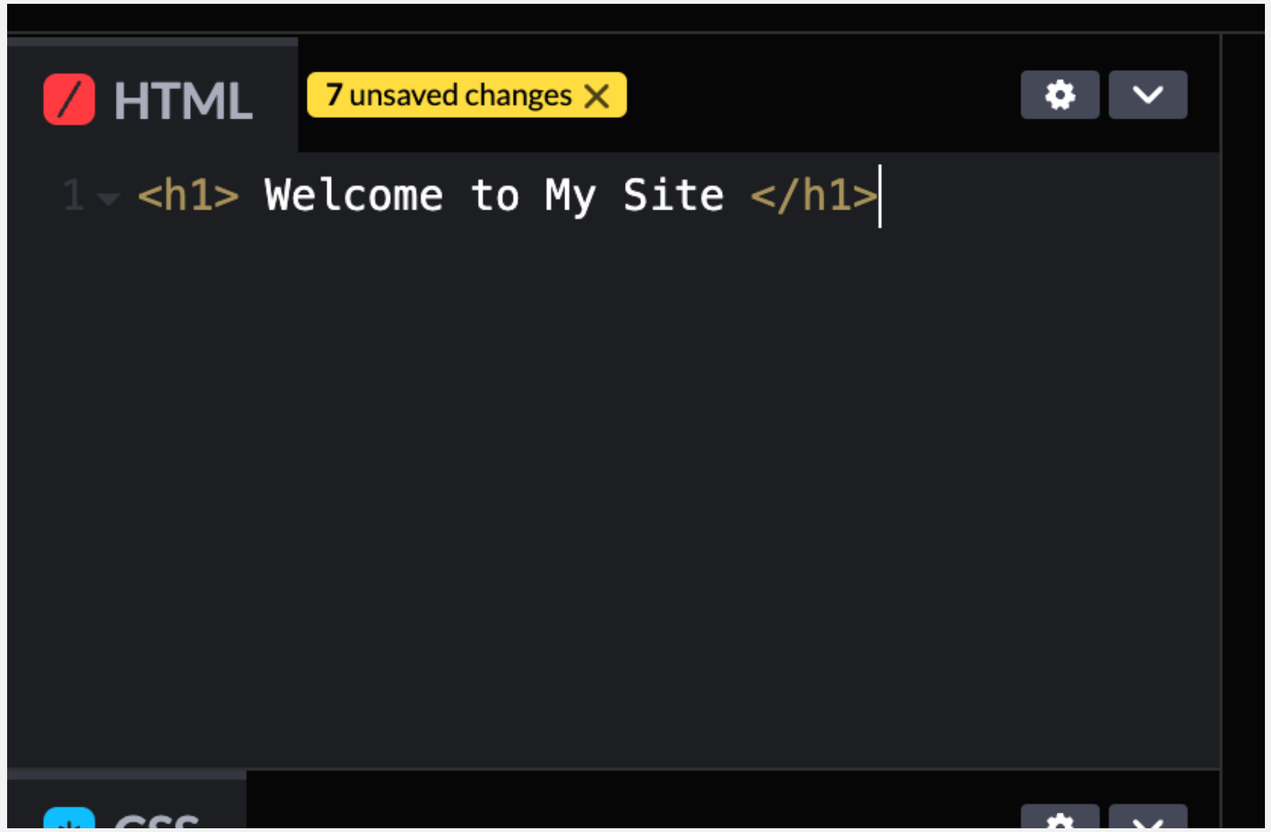
Heading 3

Heading 4

Heading 5

Heading 6

CODEPEN



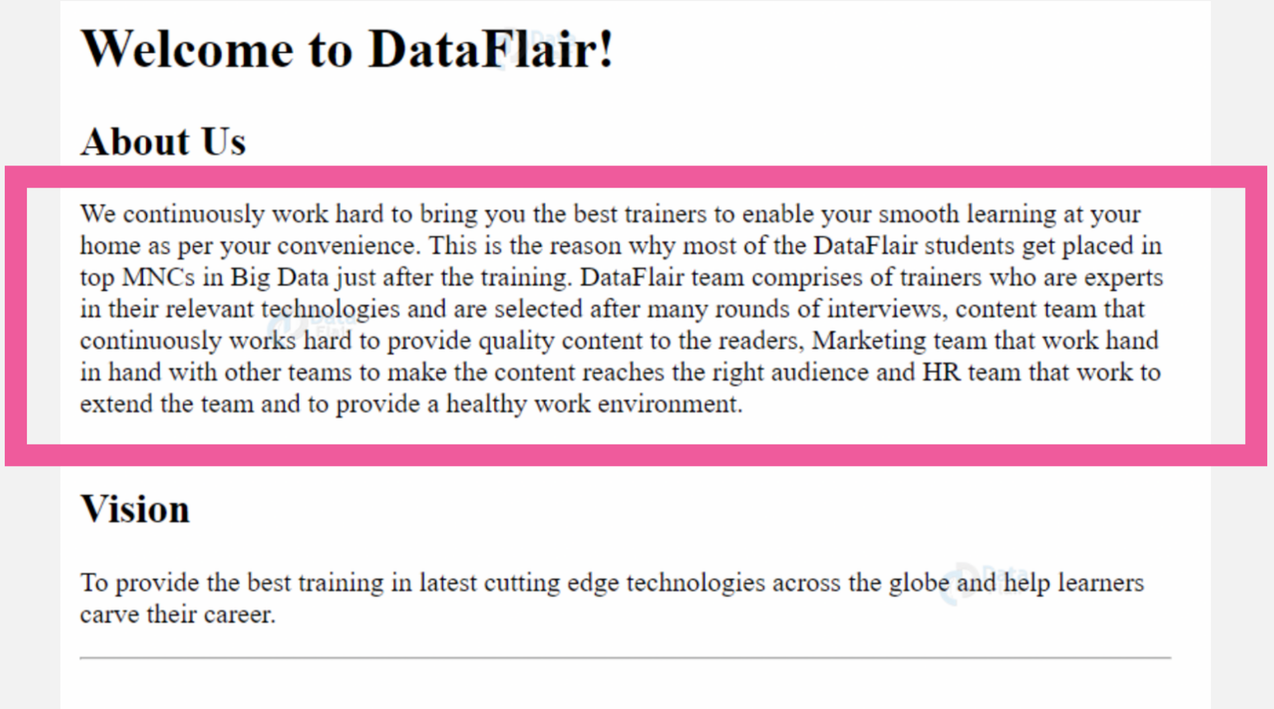
add some headings and sub-headings to your site using the h1 through h6 tags

<p>

Paragraph tags

<p>

- a block of text



Welcome to DataFlair!

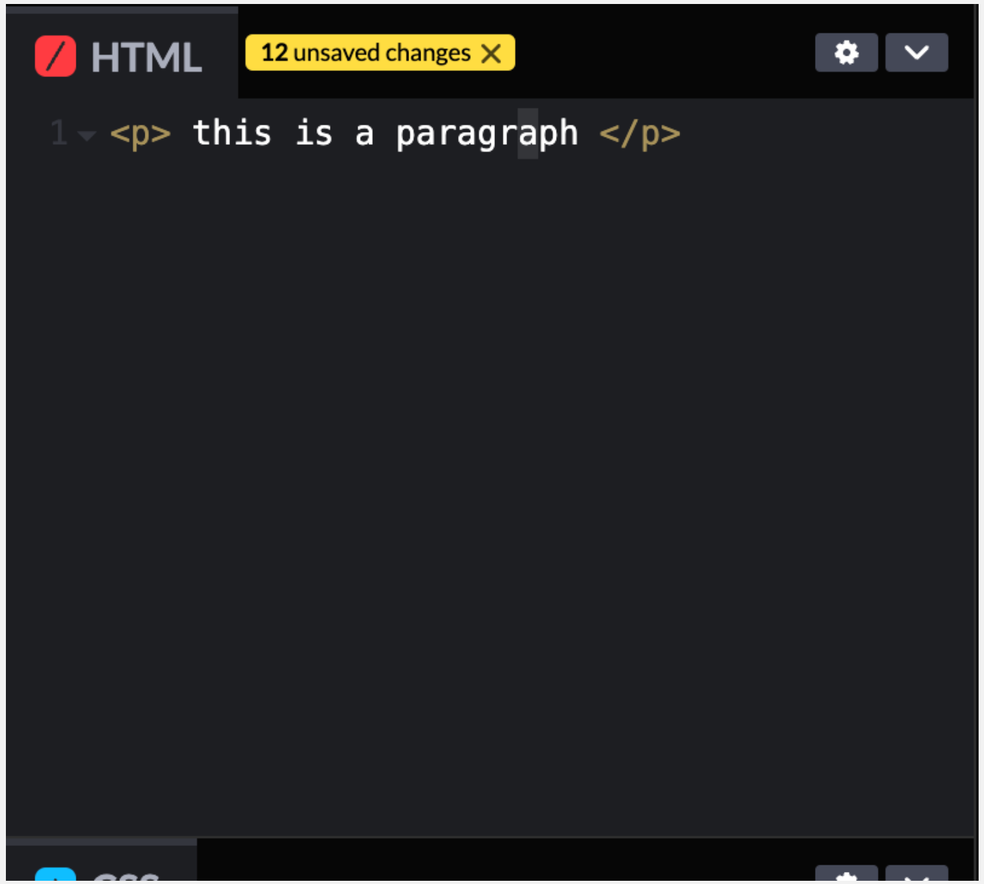
About Us

We continuously work hard to bring you the best trainers to enable your smooth learning at your home as per your convenience. This is the reason why most of the DataFlair students get placed in top MNCs in Big Data just after the training. DataFlair team comprises of trainers who are experts in their relevant technologies and are selected after many rounds of interviews, content team that continuously works hard to provide quality content to the readers, Marketing team that work hand in hand with other teams to make the content reaches the right audience and HR team that work to extend the team and to provide a healthy work environment.

Vision

To provide the best training in latest cutting edge technologies across the globe and help learners carve their career.

CODEPEN



add some text to your site where you see fit

<button>

button tags

<button>

```
<button type="button">Click Me!</button>
```

- a basic button

CODEPEN

HTML 53 unsaved changes

```
1 <button type = button > a basic button
  </button>
```

add a button or some buttons where you see fit

<a href>

links

```
<a href ="url">name</a>
```

- this is the tag used to add a link to your site
- href -> link to site
- " " -> **insert the link url inside here**
- name is what the link will say

CODEPEN

HTML

```
1 <a href = "https:youtube.com">
  Youtube</a>
```

Youtube

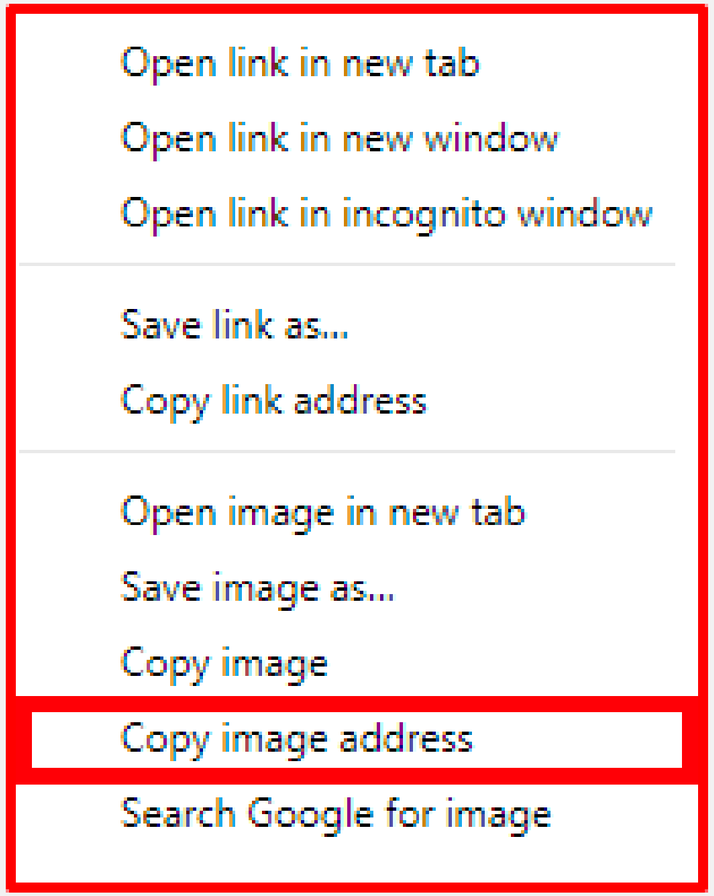
Add a link to your site:

<img>

- used to add images
- **self closing** tag
- src -> file name or link to image
- alt -> hover text

Quick Tutorial: How to get link to images on the Web

- Navigate to google images
- find an image you like
- right click the image
- select **copy image address**
- <img src = "**paste link here**"/>



CODEPEN

HTML

```html
<img src =
"https://www.humanesociety.org/sites/de
fault/files/styles/1240x698/public/2022
-07/kitten-playing-575035.jpg?
h=b1b36da8&itok=ySAJgYQ2" alt ="meow">
```

remember
to put link in
quotes

add some google
images
to your site


```
2 <button type = "button"> Hello
  </button>
3 <br>
4 <img src =
  "https://t4.ftcdn.net/jpg/03/60/70/11/
  360_F_360701167_9dolp6h5cfm5i9uC8QObRz
  hog1mc1gI0.jpg" alt="Girl in a
  jacket">
```

line break

Text Formating

defining text with a special meaning

<p>

<b> – Bold text

<i> – Italic text

<small> – Smaller text

<del> – Deleted text

<mark> – Marked/ highlighted text

<u> – underlined text

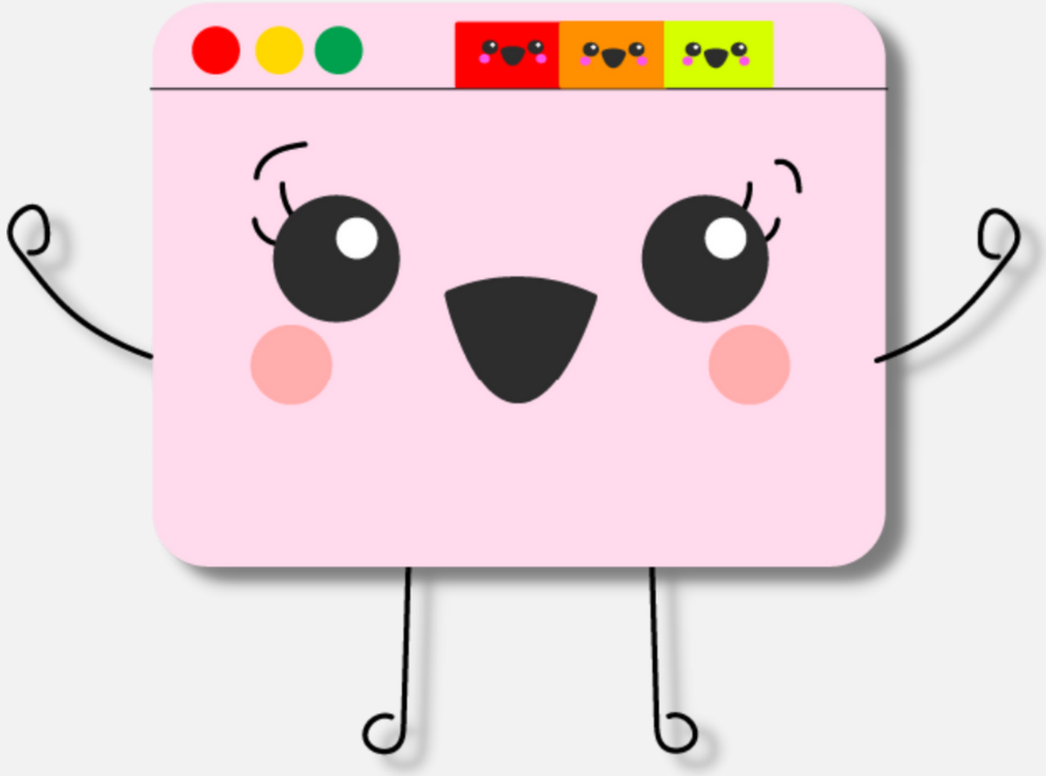
CODEPEN

HTML 31 unsaved changes

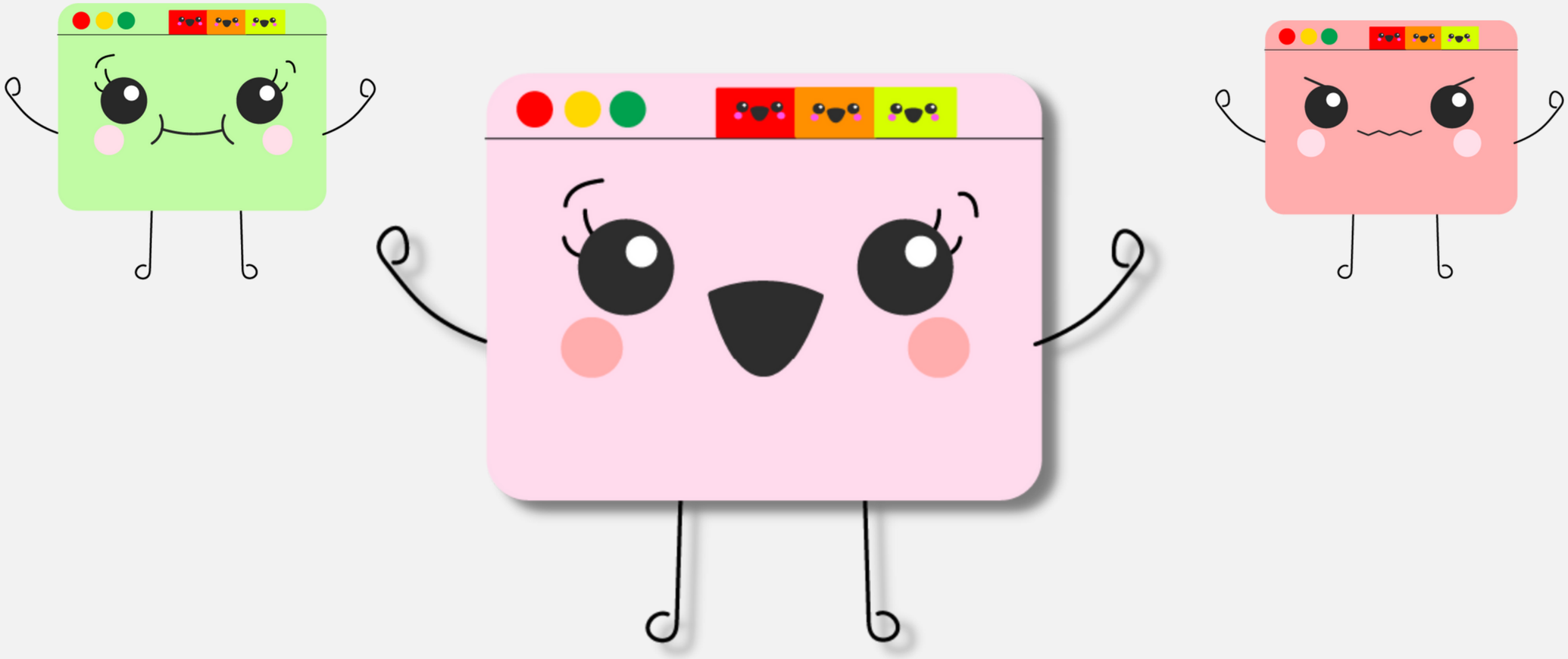
```
<p>
  The <u>FitnessGram</u> Pacer <b>Test</b> is a <i>multistage</i> <mark>aerobic capacity</mark> test that progressively gets more <small>difficult</small> as it continues. The 20 meter pacer test will begin in 30 seconds. <del>Line up at the start.</del>
  </p>
```

The FitnessGram Pacer **Test** is a *multistage* aerobic capacity test that progressively gets more difficult as it continues. The 20 meter pacer test will begin in 30 seconds. ~~Line up at the start.~~

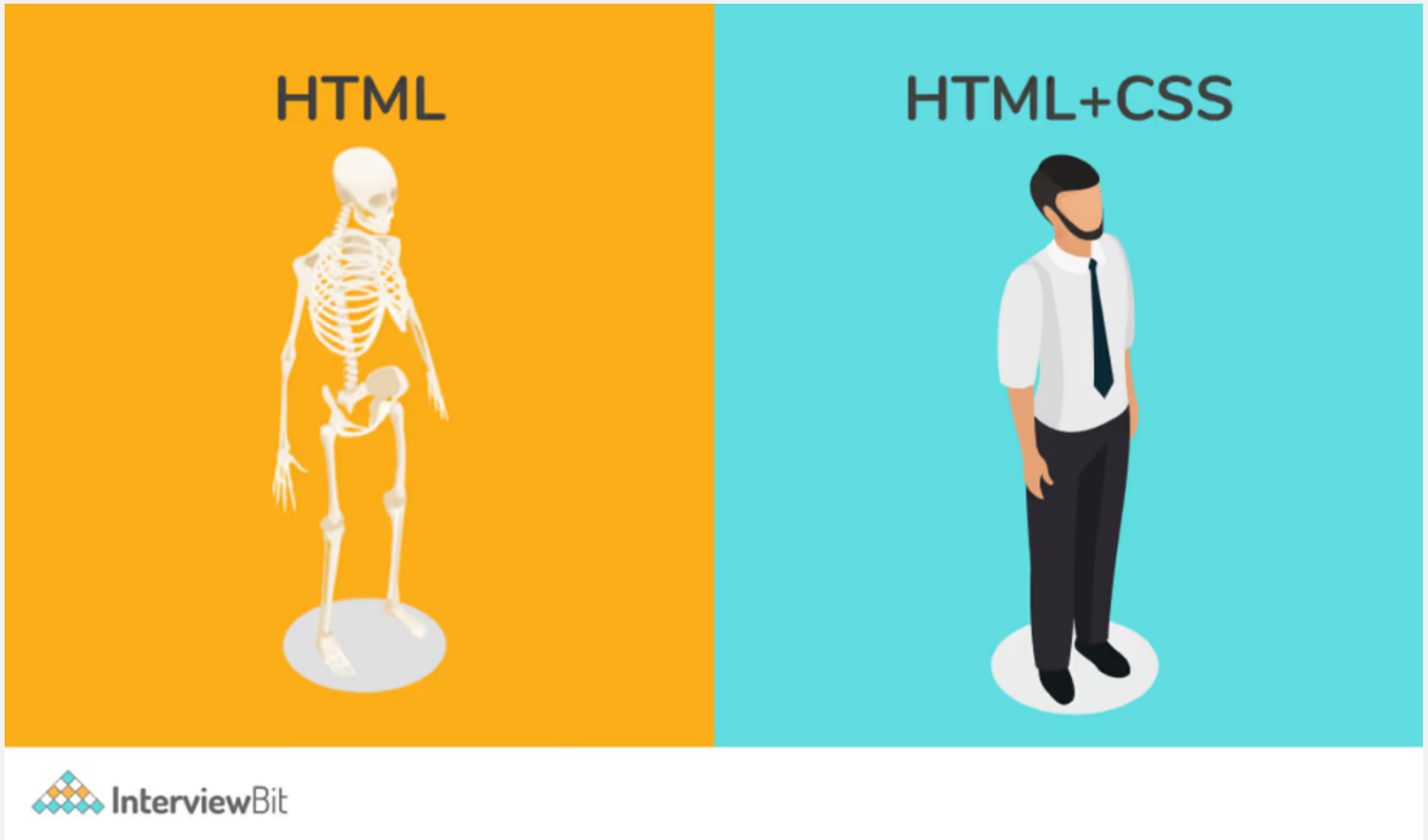
You may now add some text formatting. We also showed an example of how it would look like.



CSS



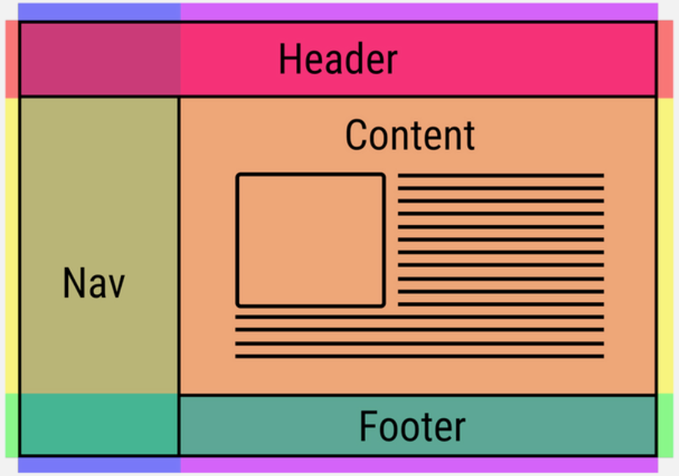
CASCADING STYLE SHEETS



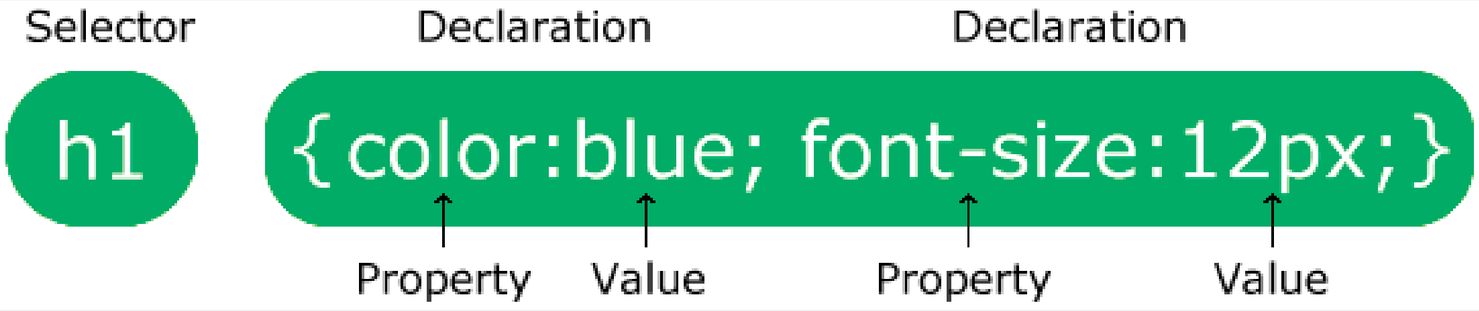
CSS styles our HTML elements

colors

positioning

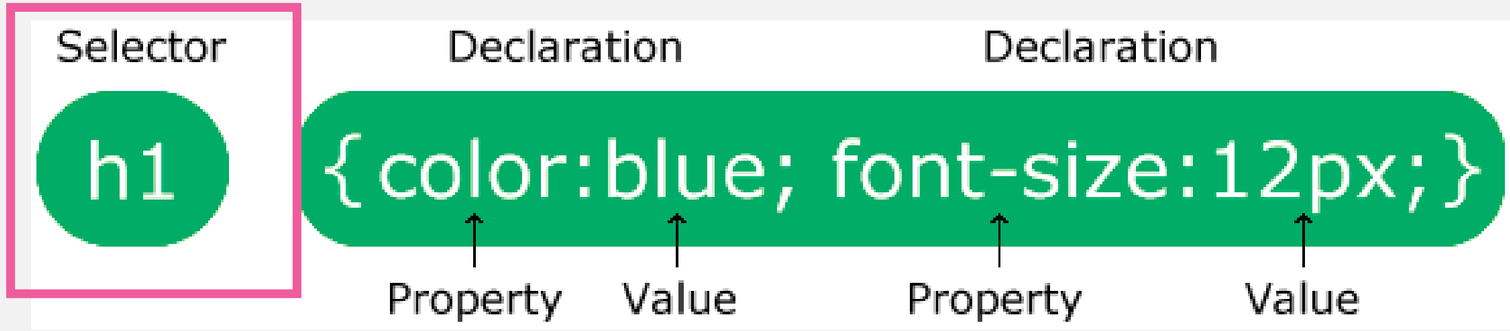


layout



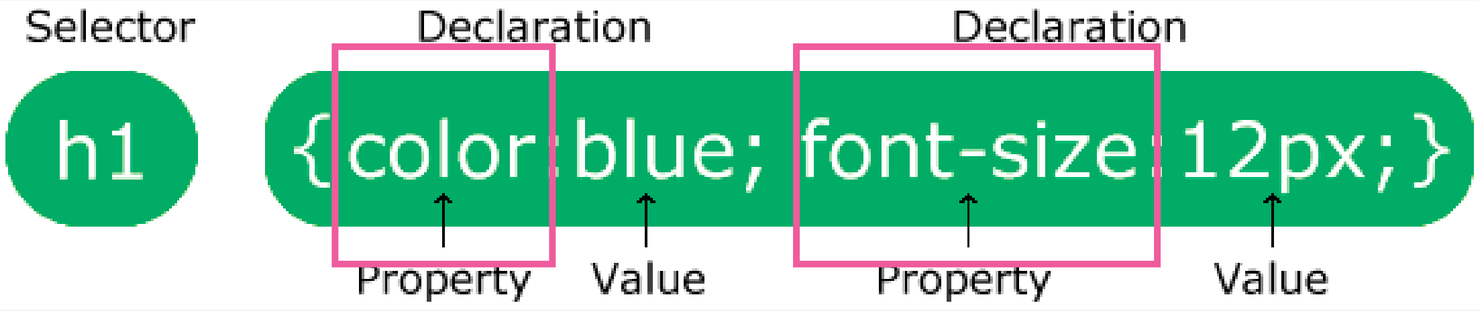
CSS code has 3 parts

SYNTAX



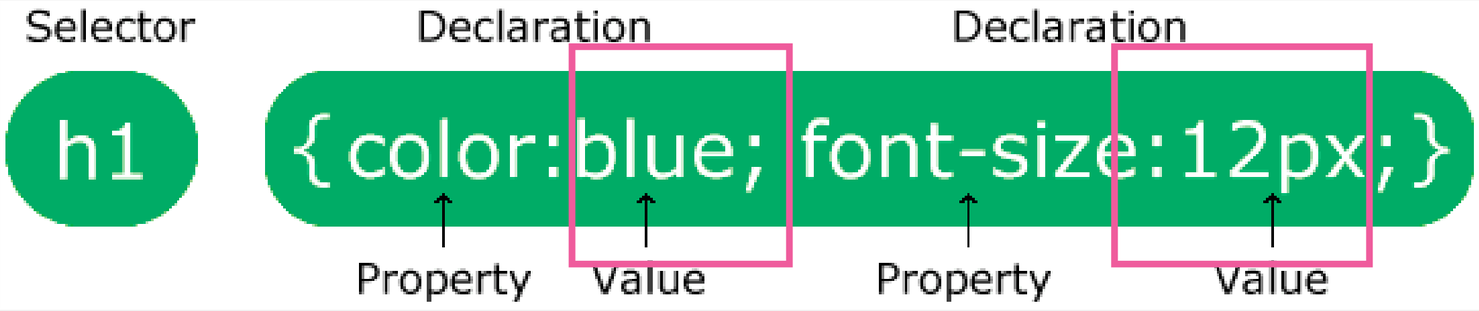
A selector which tells the browser which element you'd like to style

SYNTAX

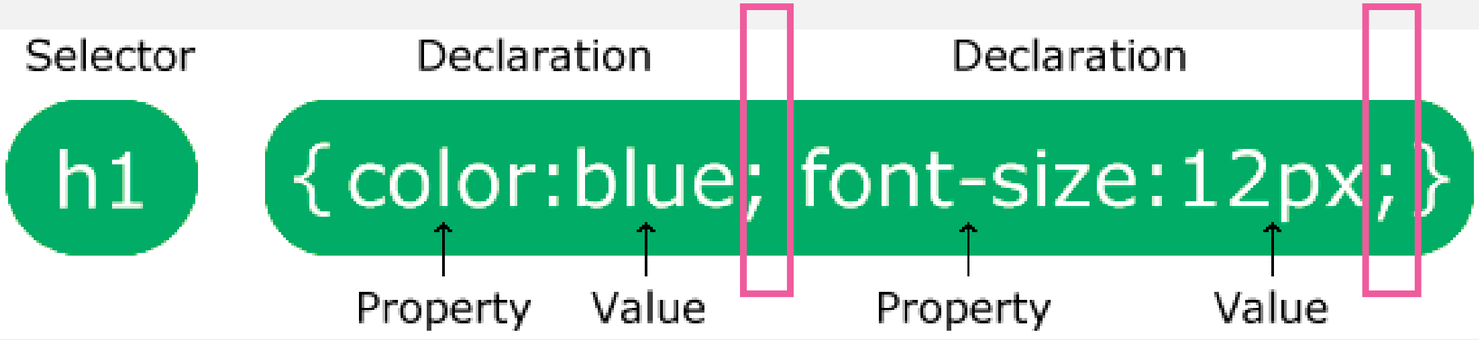


properties that specify what we are changing

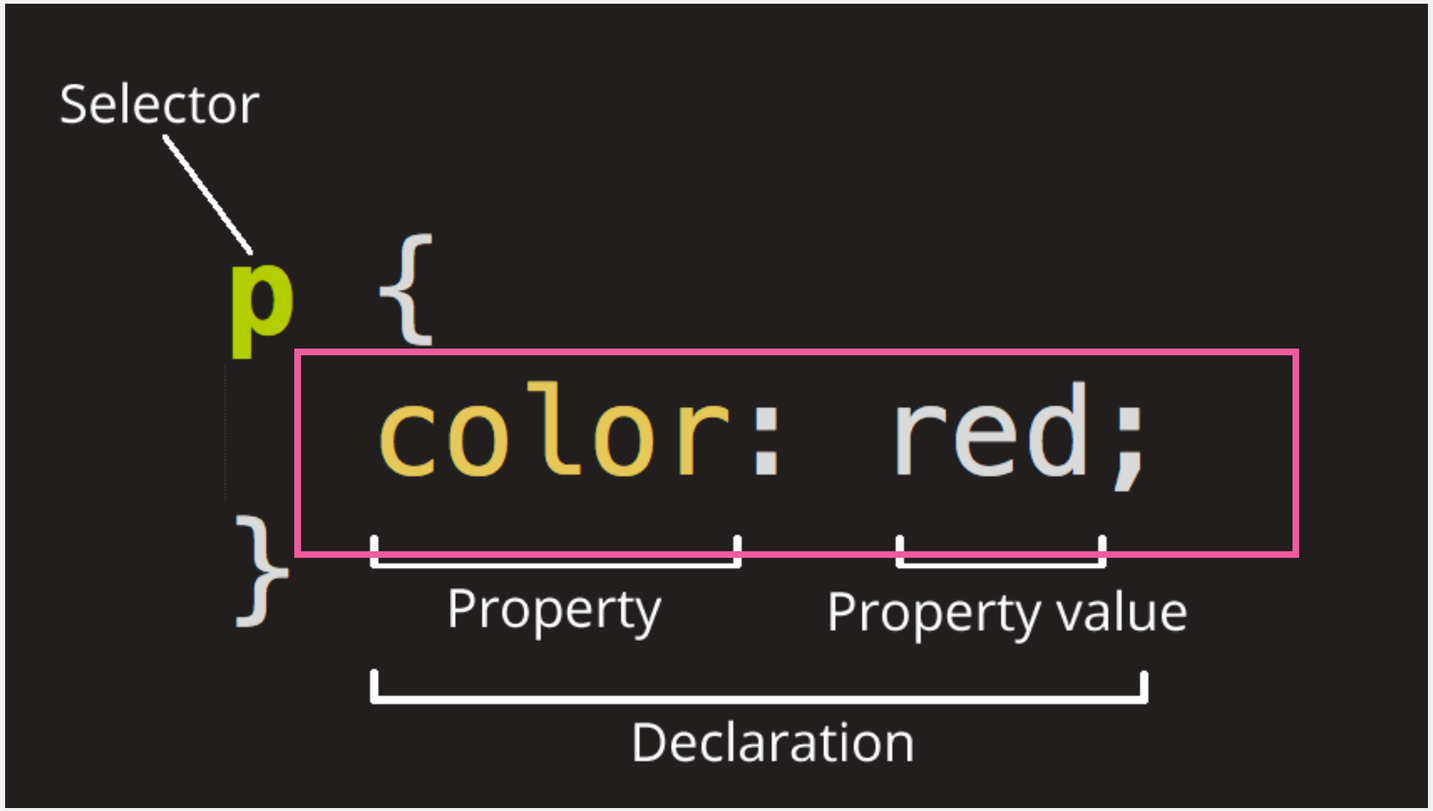
SYNTAX



and values which set the value of that property



all declarations must be separated by semi-colon

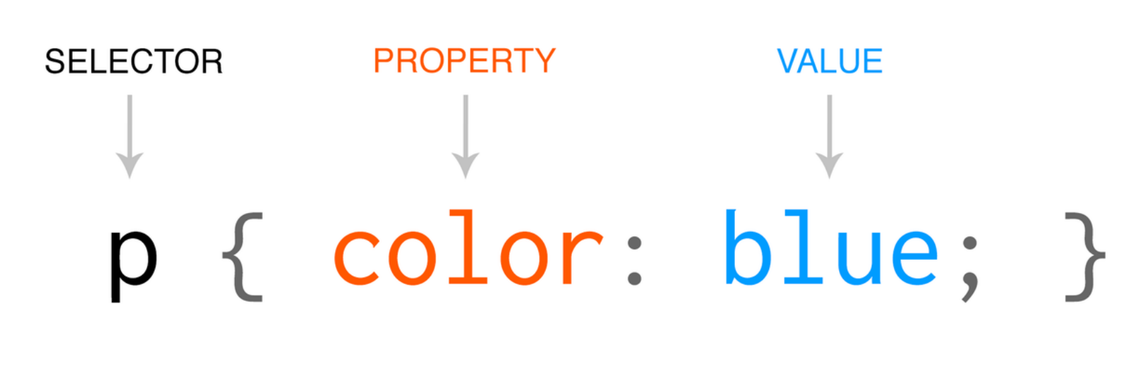


it is easier to read when
each declaration is on a separate line

color

font color

color




```
p {
  color: #189AB4;
}
```

- changes the color of text

hex codes: *https://htmlcolorcodes.com/*

CODEPEN

CSS

```
h1{
  color: blue;
}

p{
  color: #FF3A00;
}
```

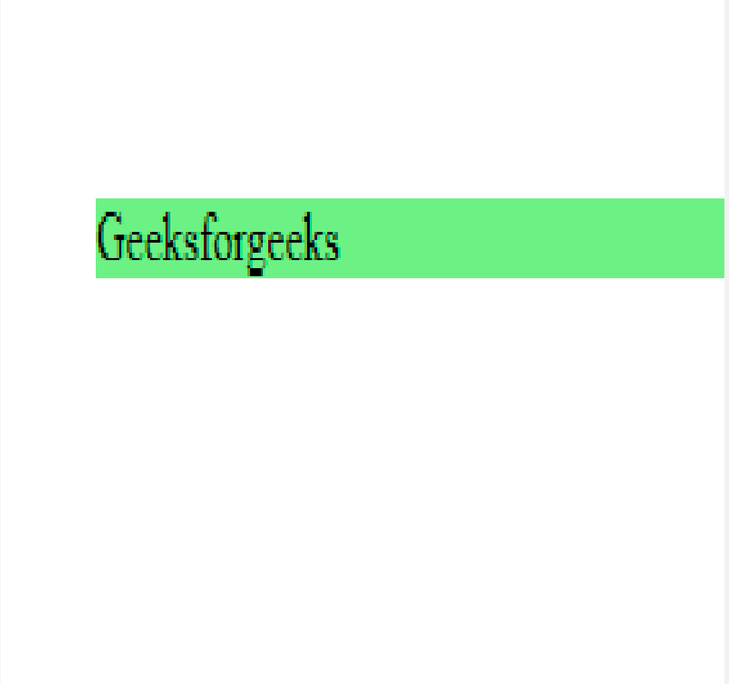
add font colors for your text elements

background-color

background color

background-color

```
p {
  background-color: green;
}
```



- changes the background-color of element

to color your entire site
you use the body selector

```
body {
    background-color: color

}
```

CODEPEN

CSS 36 unsaved changes

```
1 body{
2   background-color: green;
3
4 }
```

give your site
a background color

give some elements a
background color

`background-image`

background images

background-image

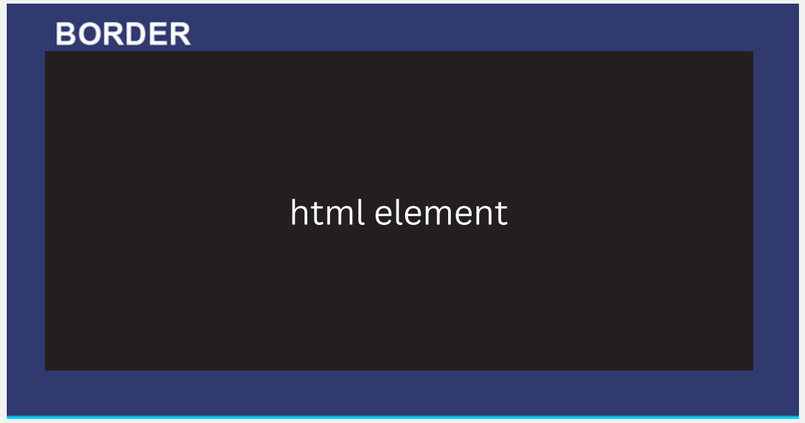
adds bg image

fixes repeating background
+
covers screen

CSS 19 unsaved changes

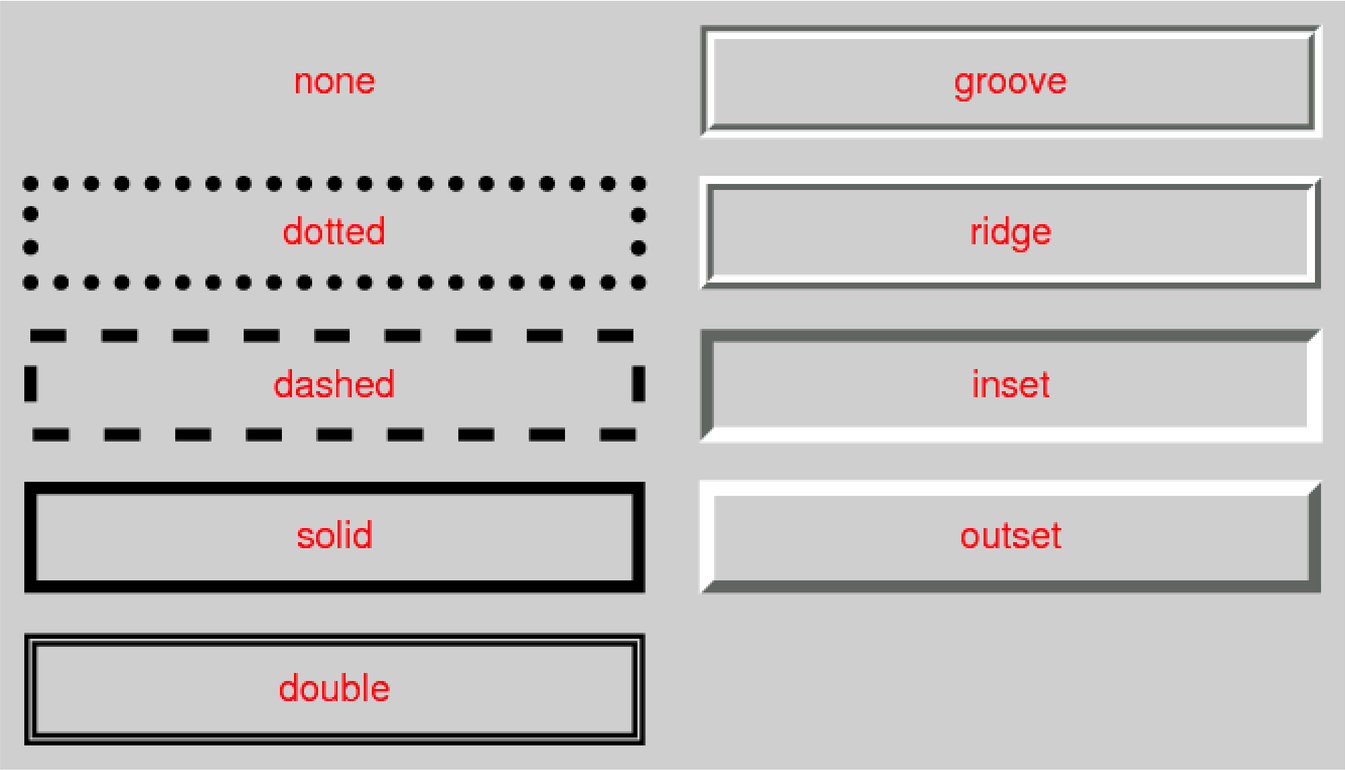
```
body {
  background-image:
 url("https://upload.wikimedia.org/wikipedia/commo
 ns/thumb/c/cf/Keeshond_Sibirian_Husky_crossbreed_
 puppy.jpg/1200px-
 Keeshond_Sibirian_Husky_crossbreed_puppy.jpg");
  background-repeat: no-repeat;
  background-size: cover;

}
```

border



border creates a border around your element

border

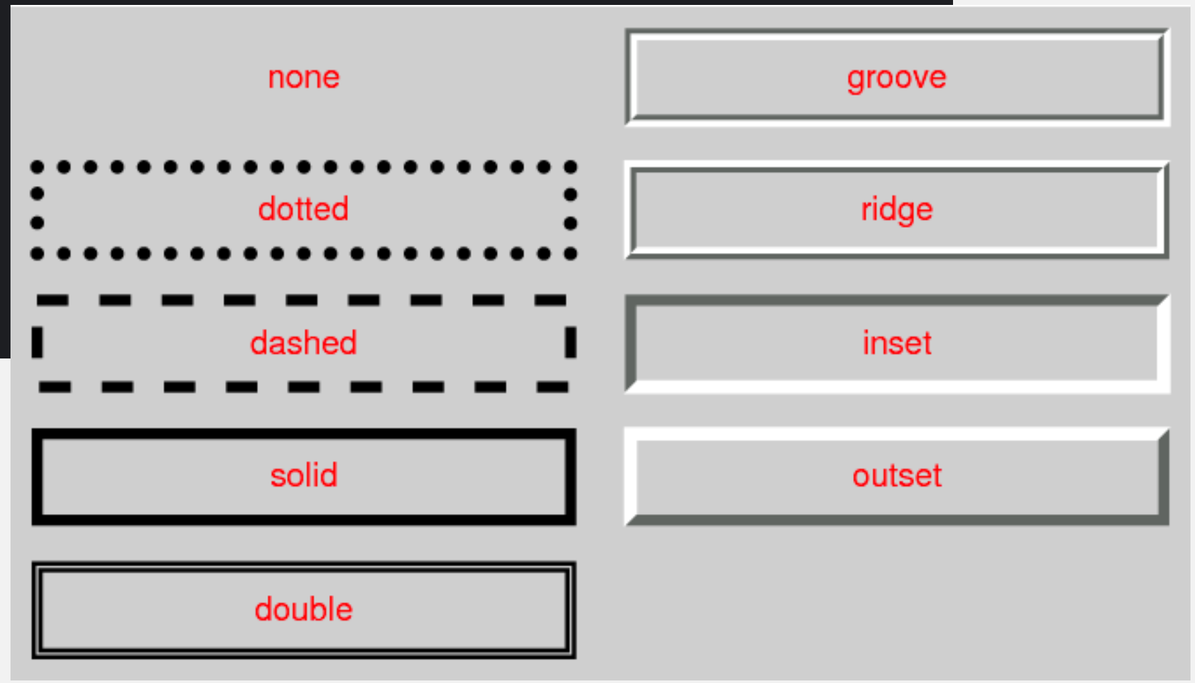


there are many different styles of borders

CODEPEN

```
p {
  border: dotted;
}
```

add a border around one of your elements (i.e paragraph)



here are some values you can use

Text shadow

shadow effect on text

Text Shadow Effects

```
h1 {
  text-shadow: 2px 2px;
}
```

->

Text shadow effect!

```
h1 {
  text-shadow: 2px 2px red;
}
```

->

Text shadow effect!

```
h1 {
  text-shadow: 0 0 3px #FF0000;
}
```

->

Text shadow effect!

Add shadow to text and to elements

CODEPEN

```
h1{
  text-shadow: 2px 2px;
}

h2{
  text-shadow: 2px 2px yellow;
}

h3{
  text-shadow: 0 0 3px yellow;
}
```

regular shadow

yellow shadow

yellow neon glow shadow

Now it's your turn to try adding shadow to any heading or body text.

Button

customization

button

Color

Background

T

Text Editing

button

background

background-color:

border: *5px (type)* (color);

background-image: url("");

color

border: 5px (type) *(color)*;

color:

text-editing

text-shadow:

(text formatting) [html]

Button

size

font-size:

changing the size of text in a button can change the size of the button itself

width:

changes on the width of the button

height:

changes on the height of the button *(use px)*

use px or %

CODEPEN

HTML

```html
<button type = button>
 <i>click here</i>
</button>
```

CSS

100+ unsaved changes

```css

button{
  background-color: pink;
  border: 10px solid black;
  color: black;
  font-size: 30px;
  width: 40%;
  text-shadow: 2px 2px white;
  -- background-image: url("");
}

```

click here

you may now customize your button as you'd like

YOUR WEBSITE IS NOW COMPLETE!

THANKS FOR Attending <3

Please Take our Post survey

- Go to *webbietap.w3spaces.com*
- click on the post survey tab at the top
- take the post survey and get a treat!

POST-SURVEY