

BABY, IT'S CODE OUTSIDE!



Lil Miss Coder January 2021 Activity
Student Leaders: Cameryn Reaves & Tanvi Naik

AGENDA

- Welcome
- Call for Last Month's Challenge
- Introduce Project
- Walk through Project
- Introduce Challenge
- Demo Last Month's Challenge



INTRODUCE ACTIVITY

- Last month we used lots of sequences to create a baking game, and this month, we'll be creating a personal webpage. In both projects, we're creating something with code!
- Today, we will be using HTML to help us create a personal webpage.
 - Personal webpage of what **you do** when it's cold outside.

HTML VOCAB

- HTML: Stand for Hyper Text Markup Language
- Tag: Tells the browser what to do.
 - Ex: `<center>` = align elements to the middle of the page
- End tag: Tells the browser to end a task (`/`)
 - Ex: `</center>` = stop aligning elements to the middle of the page.
- Comments: Comments are what coders use to explain what their code does in plain language.
 - Ex: `<!--This is what a comment looks like in html. -->`
 - You can create a comment with CTRL+/ or Command/



GET READY

Please go to `lilmisscoder.com` for our Codepen.io activity, located under the “Event” page!

You can also open this presentation to follow along.

January 9th -- Baby It's Code Outside

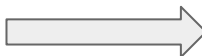
EVENT DETAILS:

Virtual Event: 1-1:40 pm (CT)

EVENT CONTENTS:

We will be creating a personal webpage using HTML!

Please make a CodePen account prior to the event. You can find the link below.



CODEPEN LINK:

<https://codepen.io>

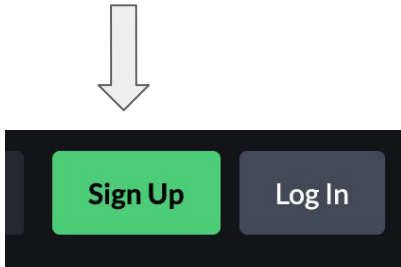
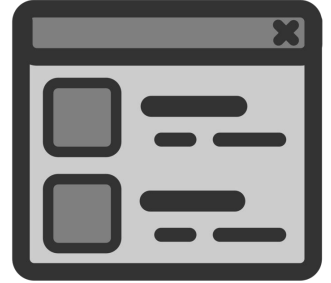
Password: VBd2DR

ZOOM LINK:

[HTTPS://US02WEB.ZOOM.US/J/75493325662?PWD=TWFPehRPNjL1BVZjZ21SWMTRV3F0UT09](https://us02web.zoom.us/j/75493325662?pwd=TWFPehRPNjL1BVZjZ21SWMTRV3F0UT09)

ACTIVITY

- Let's go to CodePen.io and create a webpage!
- Sign Up
 - <https://codepen.io/>



Sign Up with Twitter

Sign Up with GitHub

Sign Up with Facebook

Or,

Sign Up with Email

By signing up, you agree to CodePen's [Terms of Service](#), [Code of Conduct](#), and [Privacy Policy](#).

Your Name

Choose a username

codepen.io/username

Email

Choose Password

Submit

CODE WALKTHROUGH

```
1 <html>
2   <head>
3   <!--The head tag is used to create a header-->
4     <h1> Baby It's Code Outside </h1>
5   <!--HTML headings are defined with the <h1> through <h6> tags.-->
6   </head>
```

- Start html code off with an `<html>` tag
- Html headings include: `<h1>`,`<h2>`,`<h3>`,`<h4>`,`<h5>`,`<h6>`

CODE WALKTHROUGH

```
8 * <div>
9 *   <h4>Student Leaders: Cameryn and Tanvi </h4>
10  </div>
11 * <!--The div tag defines a division or a section in an HTML document.-->
12
13 * <h4> What I like to do when it's cold outside </h4>
```

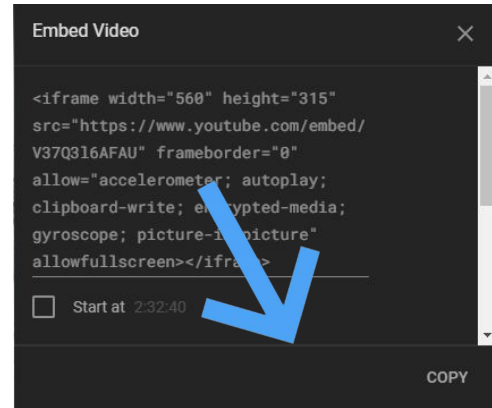
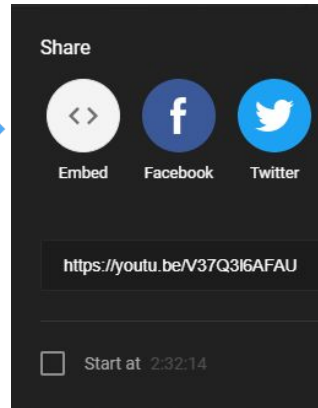
- The div tag will allow you to separate blocks of text


```
15 * <!--The center tag is used to align elements to the center of the page.-->
16 *     <center>
17 *         <li> Turn the heater on in the car. </li>
18 * <!--The li tag is used to represent an item in a list.-->
19 *     <img src= "https://hips.hearstapps.com/hmg-prod.s3.amazonaws.com/images/screen-shot-2019-11-11-
20 *         at-12-52-29-pm-1573494762.png?
21 *             resize=480:*" > </img>
22 * <!--The img tag is used to embed an image in an HTML page.-->
23 * <!--Right click on an image and click 'copy image adress' to get link-->
24 *     <li> Drinking hot coco </li>
25 *     <img src = "https://inspiredbycharm-wpengine.netdna-ssl.com/wp-content/uploads/2014/12/hot-
26 *         chocolate-peppermint.jpg" width="500" > </img>
27 *     <li> Code in my pajamas </li>
28 *     <img src = "https://www.artistshot.com/assets-3/images/admin/product_design/5548139/eat-sleep-
29 *         code-funny-computer-science-programming-coding-men-s-t-shirt-pajama-set.jpg" width="500" > </img>
30 * </center>
```

- The center tag is used to align elements to the center
- For images found online, right click on the image, and click 'copy image address'

CODE WALKTHROUGH

```
28 * <center>
29 * <!--To embed a Youtube video click share, embed, copy, and paste.-->
30   <iframe width="560" height="315" src="https://www.youtube.com/embed/V37Q316AFAU" frameborder="0"
   allow="autoplay; encrypted-media" allowfullscreen></iframe>
31 </center>
32 </html>
```



EXTRA! ADD CSS TO YOUR PAGE!

⚙️ CSS

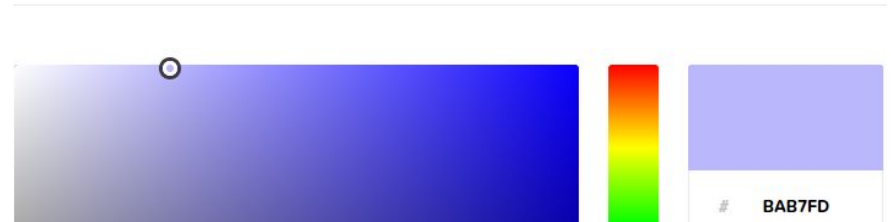
```
1 • /* CSS code examples */
2 • /* To change text alignment: text-align:center; */
3 • /* To change font size: font-size:14pt; */
4 • /* To change font color: color: blue */
5 • h1{font-family:Optima;
6     text-align:center;|
7     color: blue;}
8 • h2 {font-family:Optima;
9     text-align:center;}
10 • h3 {font-family:Optima;
11     text-align:center;}
12 • h4 {font-family:Optima;
13     text-align:center;}
```

```
11 div {background-color:Purple;}
12 body {background-color:Blue;}
```

CSS-Cascading Style Sheets (CSS) is a language used for describing the presentation in a language such as HTML.

- You can change your font, font color, background color, etc.
- You can also use hex codes for colors. <https://htmlcolorcodes.com/>

 HEX #BAB7FD RGB 186, 183, 253 HSL 243, 28%, 85% 



CHALLENGE

YOUR Challenge!

Until next month, use your resources and finish your webpage!

What does it mean?

You can change fonts and colors using CSS so **your webpage really represents you!** Keep adding activities you like to do when it's cold outside and images

Extra points for adding comments!

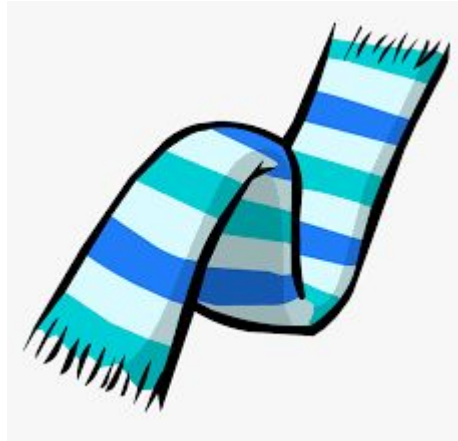
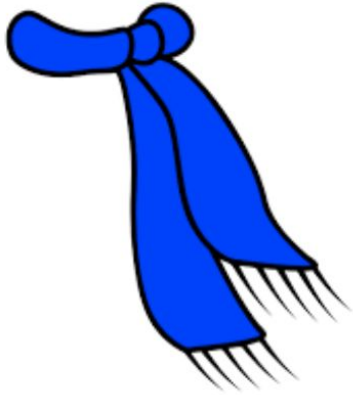
- Sample Activity

- <https://codepen.io/lilmisscoder/pen/zYKWogK>

DEMO LAST MONTH

Challengers, please present your activity from last month!

Avery, Karina, and Xoe have all submitted!



NEXT MONTH

- **Grab a Byte**, February 6, 2021 at 1pm
- Please submit your challenge by February 4th at <http://www.lilmisscoder.com/contact-us.html>

THANK YOU SO MUCH
FOR JOINING LIL
MISS CODER TODAY!
STAY WARM