Winter Break is here. . .

Here's an activity to help you keep coding!

We discussed giving you all an 'Advent Calendar' style activity for winter break - but, what is an advent calendar?

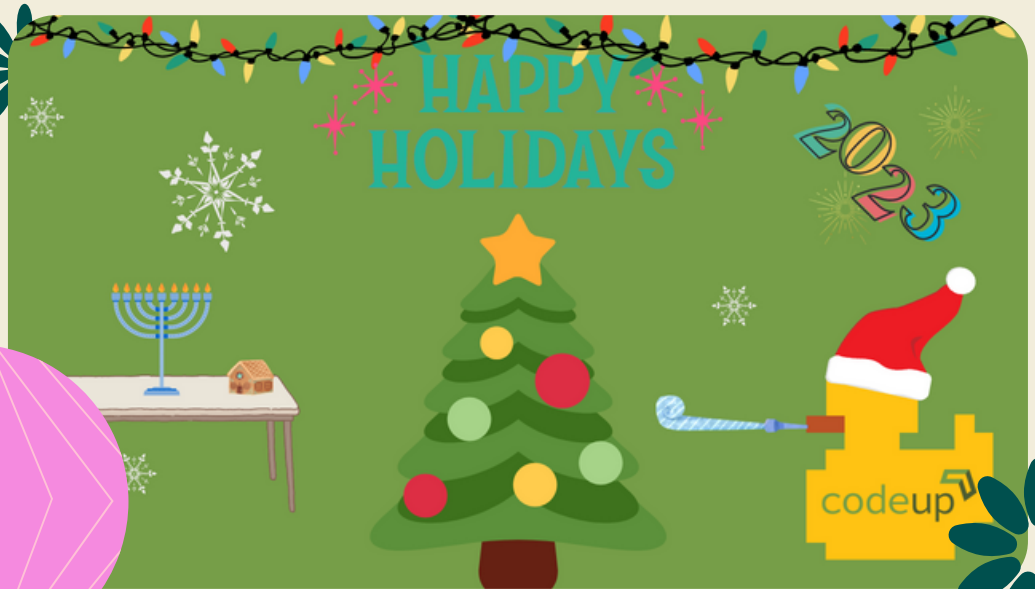
In some religions who celebrate Christmas, it is traditional to have a countdown-style calendar with scenes, activities, or treats that you open day-by-day leading up to, for example, 12/25 or other important dates around this time.

Our goal is to provide you some day-by-day activities you can 'open up' to work on. We aim to inspire you to code every day for a bit, complete that amount of work, and then repeat the process the following day.

The first five activities will be centered around creating a holiday card.

The first day of our work will be in HTML - then, we work in CSS for two days.

Finally, we wrap up our holiday card with some JavaScript to add a bit of flare and dynamism to it!



01

HTML - STRUCTURE

HTML helps us provide structure to a view - for our card's first step, can you set up the right elements and DOM environment you'd need to proceed forward?

Among the elements you are using, we want to have some text areas and at least one area for a picture, so don't forget to include some elements for those purposes.

TODO: Create a card.html - put in elements to provide backbone to your holiday card as described above.

02

CSS - ORIENTATION

CSS has many uses! Today, let's use it to start lining out those elements and structure you made before.

A red border can highlight boxes for orientation, lorem ipsums can be used for example text, and we can use placeholders for images.

TODO: Create an external stylesheet and start to set up the necessary properties and rules to provide the layout you would like for your card.

03

CSS - STYLE, COLOR, FONT

Here we go - let's firm up the color palette, fonts, and other style considerations on this day.

Take the example text, placeholder photos, and other items you may have used in our past days and replace them with actual values and assets.

TODO: Moving between your stylesheet, HTML document, and 3rd party resources like colormind.io or coolors.co, firm up the style and font of your card. Replace ipsums with real text, and replace the placeholder picture(s) with a real one.

04

JAVASCRIPT - DYNAMISM

Ahh - now we can have some fun. JavaScript lets add events, transformations, or even talk to APIs in our work.

For today, let's use JavaScript to cause an event to occur when our user interacts with part of our card.

For example, when your user hovers over the picture on your card, can you make the border change? If they click on "Happy Holidays", does the color change on the text?

TODO: Add some JavaScript into your card - target an element or elements on your page to have something happen when your user interacts with your card.

05

JAVASCRIPT - EASTER EGG

Last day for this week - we should have a card with some form, style, color, and a bit of pizazz combining HTML, CSS, and JS!

We had a module in the first half of the course about ways to use keyboard events to have an easter egg pop onto a page . . .

Maybe if they type "SNOW", a snowflake effect appears on your card? Or if they type "HANUKKAH", does your picture change to that of a menorah? Maybe putting in the classic Konami code will play a snippet of "Jingle Bells" in the background?

TODO: Bring it on home and put an easter egg into your holiday card!

From everyone at Codeup, thank you for supporting us and have a happy break!