Lesson 4 – The CSS Box Model

The CSS Box Model is used to create a definition for the way the HTML elements are organized on the screen. This approach accounts for options such as margins, padding, borders, and all the properties that manipulate them. Each element can be thought of as having its own box.

Look at the following videos before the next class.

https://www.youtube.com/watch?v=M6coJNLFBWI - CSS box model
Introducing Divs and controlling them with classes and ids - YouTube - Working with 4 boxes

Complete the following exercises for adding boxes to a page. We will go over the Edgar Allan Poe page as a group. The remaining exercises are for personal practice.

Rewrite the section for Quotes of Edgar Allan Poe on the page to appear as follows. Each box will be the same size but different colors – they do not have to match these.

Quotes of Edgar Allan Poe

This maiden she lived with no other thought, Than to love and be loved by me.

Deep into that darkness peering, long I stood there, wondering, fearing, Doubting, dreaming dreams no mortal ever dreamed before. I would define, in brief, the Poetry of words as the Rhythmical Creation of Beauty. Its sole arbiter is Taste.

The skies they were ashen and sober; he leaves they were crisped and sere — The leaves they were withering and sere; It was night in the lonesome October, Of my most immemorial year.

The following is part of a web page from Surprise – not sure if it still exists – but the format is really cool. The following part of the page has 3 boxes containing images. Create the 3 boxes - notice the rounded corners. You can just find 3 pictures and put them in the boxes.







The next section is from the same site. This time there are 4 boxes, all the same size, but with different content. Create the boxes and the content based on the following. In the categories section make up the values and create the bulleted list as shown.









The following is a site that is made up of many boxes – some are the same size; some are totally different. The main thing is to set up the structure – don't worry as much with the content.



Again, create the structure for the following page using boxes as indicated.

Front-end Developer Kit

Datadog's essential toolkit for front-end developers.



Thanks for downloading our Front-end Developer Kit!

The resources below are meant to serve as a toolkit to assist developers in better understanding user activity and troubleshooting front-end issues as efficiently as possible.

THIS KIT CONTAINS

- 2 Best Practices Guides, each detailing key methods to improve upon your existing front-end monitoring and testing strategies.
- A Synthetic Monitoring x APM Solutions Brief, which describes how you can catch and resolve issues proactively—before they
 have a chance to impact your customers.
- An On-Demand Webinar, so you can learn how to reduce MTTR for critical application issues with unified front-end and back-end performance data.



Front-end Monitoring Best Practices Guide

Learn how to apply front-end monitoring best practices.

READ



Front-end Testing Best Practices guide

Learn how to apply front-end testing best practices.

READ



Synthetic Monitoring x APM

Learn about the benefits of unifying Synthetics & APM.

REA



On-Demand Webinar

Monitor and optimize Front-end Applications.

WATCH

Want to troubleshoot front-end issues faster with Datadog?

Learn more about our Digital Monitoring Suite here.

If you're ready to unify your front-end and back-end data in minutes, start a **free trial**, **build one dashboard**, **and we'll send you a free Datadog t-shirt**.

Visit dtdg.co/frontend for an on-demand demo of our Digital Experience Monitoring Suite!









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