

# Assignment 2 Report

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GITHUB URL:

[https://kost0049.github.io/Assignment2/adam\\_kostandoff\\_assignment2\\_lib2024.html](https://kost0049.github.io/Assignment2/adam_kostandoff_assignment2_lib2024.html)

## SCREENSHOT:

**Start this year with a gift you will forever regret!**

Introducing the Ferrari F8 - a true masterpiece of engineering and design that's guaranteed to take your breath away! With its bold styling, unparalleled performance, and cutting-edge technology, the F8 is a sports car that's designed to thrill. So why should you consider purchasing the Ferrari F8? Here are just a few of the many reasons: First and foremost, the F8 is all about performance. Powered by a 3.9-liter V8 engine that delivers a heart-stopping 710 horsepower and 568 lb-ft of torque, this car can go from 0 to 60 in just 2.9 seconds and reach a top speed of 211 mph. With its lightning-fast acceleration and razor-sharp handling, the F8 is a car that's made for the track, but it's just as exhilarating on the open road. But it's not just about speed - the F8 is also a work of art. Every curve and angle of the car has been carefully crafted to optimize performance, while also creating a visually stunning machine that's sure to turn heads. From the aggressive front grille to the sleek lines of the body, this is a car that demands attention.



Of course, the F8 also comes loaded with features that make it a joy to drive. The car's advanced aerodynamics help it cut through the air with ease, while the adaptive suspension system ensures a smooth, comfortable ride even on the most challenging roads. The F8 also features an advanced infotainment system that lets you control all of the car's features with ease, from the climate control to the sound system. So whether you're a serious driver looking for the ultimate sports car, or simply someone who appreciates the finer things in life, the Ferrari F8 is a car that you won't want to miss. With its blend of performance, style, and cutting-edge technology, it's a car that's sure to leave you breathless. But don't take our word for it - come see the Ferrari F8 for yourself and experience the thrill of this incredible machine firsthand. Contact us today to schedule a test drive, and get ready to experience the ultimate in driving performance!



**Test drive today!**



**Test drive today!**



**Test drive today!**



**Test drive today!**



**Test drive today!**



**Test drive today!**

## OUTLINE

For assignment I tried to use as many of the HTML/CSS features covered in the slides as possible. These features include:

- External CSS page referenced by HTML Page
- HTML Comments
- CSS Comments
- Meta tags
- Icon
- Title
- Div tags
- Paragraph tags
- Span tags
- Image tags
- HTML entities (&copy;)
- Borders and styling (color, width, padding, background color etc)
- Text align, float, width/height
- Various display types (grid/flex)
- Various position types: (relative)
- Nested CSS referencing (.bottom\_grid > div)
- Font styling (font family, font size, font weight etc)
- Padding/Margins

## FILE STRUCTURE

- HTML FILE

- Images Folder ← contains all images included on the page
- CSS Folder ← contains css file with page styling - referenced from HTML file

## HTML STRUCTURE

HTML

- > Head (Contains title, CSS reference, meta tags, icon etc)
- > Body (Contains page contents)
  - > Flex Container (Contains different sections of the page)
    - > Header Box
    - > Left Column Div

- > Right Column Div
- > Article Section
- > Main Image Section
- > Bottom Grid Section
- > Footer

## SECTIONS

### TOP BOX

**Start this year with a gift you will forever regret!**

For this section I used a div tag (id="header\_box") with a header tag <h1> for the text. I changed the font type, font size, font weight, and font color, as well as added a border, background color, padding, and aligned the text as center for the <div> itself (#header\_box). I wanted to showcase using the id selector (#).

### ARTICLE SECTION

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For this section I used a contain `<div>` (class="article") which has a 100% width to fill the entire screen. It also has font-align:justify to space the text evenly.

Inside that container div, I used two inner div tags - class="left\_column" and class="right\_column". These two containers hold the text for the left and right sides of the screen. They also are used to position the ferrari image in the center of the text. I tried multiple methods of achieving the above look, but ultimately I found that cutting the image in half and using two images worked the best. To do this I created an inner div in each of the columns, and set it to float=right (for the left column) and float=left (for the right column), then used CSS background and background-position to show half the image in each (when put together the entire image is shown centered). Then I used CSS "shape-outside" to create a bubble around the image in the shape of a circle.

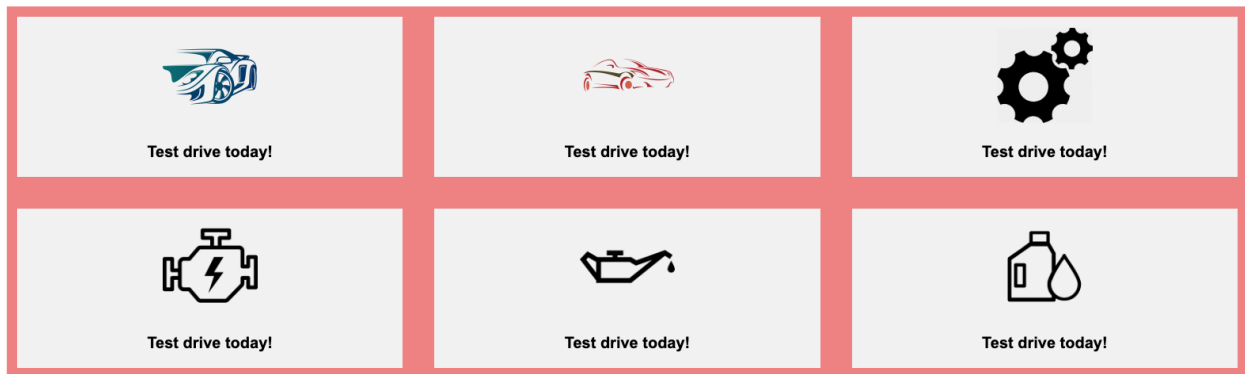
I found this section to be the most challenging part of the assignment but am glad I was able to arrive at a working solution.

## MAIN IMAGE SECTION



For this section, I used a `<div>` container which included an `<img>` tag to display the Ferrari image. Using CSS I centered the image in the container, and referenced a background image watermark. I used the CSS "repeat" to repeat the watermark on both X and Y axis, filling the container.

## GRID SECTION



For this section, I used a `<div>` container `class="bottom_grid"` which contains 6 inner divs, one for each box. Inside each of the inner divs, is simply an `<img>` tag, and a `<p>` tag. All the styling is done through CSS. Instead of giving each inner div a separate class or id, I used the CSS nested styling `.bottom_grid > div` and `.bottom_grid > div > p` (etc) to set styling for all child containers inside the main container.

The parent "bottom\_grid" container uses `display:grid`, `grid-gap`, `grid-template-columns` etc to create the grid itself, and the 6 inner containers use `background-color`, `text-align`, `margin`, and `min-height` to create the size of each. I also used `img` and `<p>` CSS attributes to set the padding, font styling, and max-height of the images themselves, so they are all consistent.

## CONCLUSION

I found this assignment to be very challenging, but I found that I learned a lot and am excited to continue learning CSS and HTML.