Lib 2024 Internet Applications Assignment 2 Report

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Introduction: The problem I needed to solve was reproducing and/or modifying a webpage featuring text and an image in a flex-wrap container, an array of images, and a watermark.

**Tags**

<!doctype> element determines what kind of document it is. In this case it is HTML.

<html> sets the programming language to html.

<head> is a section that lets you add a title, change language, style, character set, etc.

<title> lets you set a title for your page.

<charset> determines what set of characters you are using.

<lang> sets the language.

<style> lets you reformat elements/blocks.

<body> is used to form the main body of the content.

<hX> is used to create paragraph headers. The number represented by X determines the font size.

<p> is used to create a paragraph.

<div> is used to create a division, separating its contents from others.

<br> is used to create a line break.

<img> is used to add an image.

<!—X--> is used to add a comment.

<flex> is sued to set elements in a row or column. It can be altered using style to change size, orientation, font, colour, if it has wrapping text etc.

**Blocks**

.flex-container {

display: flex;

flex-direction: flow;

flex-wrap;

}

.flex-container {

height: 350px;

width: 1200px;

margin: 10px;

font-size: 16px;

}

This is used to create a flex container for my page. It orders and wraps the text and image as well as the image array at the bottom.

.watermark {

background-image: url(https://precisionmetalspinning.com/wp-content/uploads/2015/06/Boeing-logo.png);

background-repeat: norepeat;

background-size: cover;

background-attachment: fixed;

background-position: center;

transform: rotate(45deg);

z-index: -1;

opacity: 0.2;

}

This block is used to create my watermark. It uses a single image, covers the background, is fixed in place in the center, rotated, and made less opaque to stop it from covering up other content.

<div class="flex-container">

<div>

The Boeing corporation is most famous for its line of airliners like the 737.<br>

Starting in 1916 Boeing has been prodicing aircraft for the civil and military sectors for over a century.<br>

Boeing has acquired and merged with many other smaller companies over time, most notably Sikorsky, and Pratt & Whitney.<br>

These two companies are major producers of helicopters and jet engines respectively<br>

In the military sector, Boeing is called Boeing Defense, Space & Security.<br>

It produces military aircraft like the F-15E Strike Eagle and F/A-18E Super Hornet fighter jets.<br>

It also produces militarized versions of its airliners like the P-8 Poseidon and E-7 Wedgetail,<br>

they also produce transports and tankers like the Globemaster III

</div>

<div>

<img src="https://res.cloudinary.com/zenbusiness/image/upload/v1670445040/logaster/logaster-2020-03-the-1st-logo-12.jpg" height ="200" width="400" >

</div>

<div>

Boeing has found itself embroiled in a number of scandals over the past decade since its acquisition of McDonnel-Douglas.<br>

It has been suffering from crashes, faulty construction, cost overruns, and delays.<br>

Much of this has been due to a loss of capable leadership and talent in its workforce.<br>

The new leadership largely lacks engineers, instead its is comprised of people better described as bean counters.<br>

The loss of many older workers and inability to attract or retain professional talent has also taken a toll on the company's fortunes.<br>

</div>

</div>

This block forms my text and text-wrapped image. Its div class is set to be a flex container and thus affected by my flex container settings. Divisions are used to break up the two sections of text and the central image. Breaks are added to stop the text from all being one big line.

<p> <h3>Boeing Aircraft</h3>

<img src="https://www.aviationtoday.com/wp-content/uploads/2019/07/737maxblue.jpg" height="50" width="100">

<img src="https://th.bing.com/th/id/OIP.wKIUkHhbHoOv2u152EGTtgHaE\_?pid=ImgDet&rs=1" height="50" width="100">

<img src="https://theaviationgeekclub.com/wp-content/uploads/2016/12/F-15E.jpg" height="50" width="100">

<div>

<img src="https://upload.wikimedia.org/wikipedia/commons/d/de/US\_Navy\_071203-N-8923M-074\_An\_F-A-18F\_Super\_Hornet%2C\_from\_the\_Red\_Rippers\_of\_Strike\_Fighter\_Squadron\_%28VFA%29\_11%2C\_makes\_a\_sharp\_turn\_above\_the\_flight\_deck\_aboard\_the\_Nimitz-class\_nuclear-powered\_aircraft\_carrier\_USS\_Harry\_S.\_Truman.jpg" height="50" width="100">

<img src="https://sites.breakingmedia.com/uploads/sites/3/2022/05/220531\_dvids\_wedgetail\_6093698-scaled-e1654013097568.jpg" height="50" width="100">

<img src="https://upload.wikimedia.org/wikipedia/commons/b/bc/C-17\_test\_sortie.jpg" height="50" width="100">

</div>

</p>

This block is the set of images at the bottom of the page. They are set in two rows with a division and formed into columns with the flex container.

<div class="watermark">

<img src="https://precisionmetalspinning.com/wp-content/uploads/2015/06/Boeing-logo.png" height ="200" width="400">

This block is my watermark, the class is set to watermark to have it be affected by my watermark settings.

Feb 13, 2023

Formed basic structure using DoctypeHTML, charset, lang, and formed the header and body elements.

Feb 16, 2023

Added images of Boeing airliners to main body using <img> elements.

Screenshots

Graphical user interface, text, application

Description automatically generated

A picture containing text, sky, plane, outdoor

Description automatically generated

A picture containing text, plane, sky, airplane

Description automatically generated

Feb 20, 2023

Filled out Paragraphs A, B, and C with an introduction, civil aviation, and military aviation.

Graphical user interface, text, application

Description automatically generated

Feb 28, Mar 1

Added content to paragraphs, fixed heading, resized images, attempted to create a wrap around the central image, replaced divisions with breaks in text. Fixed issues with wrap by creating a flexbox, had trouble because I didn't know where to put the flexbox settings but used google for help.

Graphical user interface, text, application

Description automatically generated with medium confidence

Mar 3

Added lower images and organized them. Also added watermark.

Graphical user interface, text

Description automatically generated with medium confidence

Sources

Flex-Wrap Info <https://www.w3schools.com/css/css3_flexbox.asp>

Watermark Info <https://stackoverflow.com/questions/9935161/how-to-watermark-overlay-image-on-an-html-page>

<https://cdn11.bigcommerce.com/s-29nzvnn/images/stencil/1280x1280/products/8444/25415/Screenshot_2020-11-09_stickers1__99143.1604960974.png?c=2>

<https://precisionmetalspinning.com/wp-content/uploads/2015/06/Boeing-logo.png>

<https://res.cloudinary.com/zenbusiness/image/upload/v1670445040/logaster/logaster-2020-03-the-1st-logo-12.jpg>

<https://www.aviationtoday.com/wp-content/uploads/2019/07/737maxblue.jpg>

<https://th.bing.com/th/id/OIP.wKIUkHhbHoOv2u152EGTtgHaE_?pid=ImgDet&rs=1>

<https://theaviationgeekclub.com/wp-content/uploads/2016/12/F-15E.jpg>

<https://upload.wikimedia.org/wikipedia/commons/d/de/US_Navy_071203-N-8923M-074_An_F-A-18F_Super_Hornet%2C_from_the_Red_Rippers_of_Strike_Fighter_Squadron_%28VFA%29_11%2C_makes_a_sharp_turn_above_the_flight_deck_aboard_the_Nimitz-class_nuclear-powered_aircraft_carrier_USS_Harry_S._Truman.jpg>

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