Course 1 Final Project

Static Website

Vojtech Kousal

Vojta in Vancouver

Static Website - Final Project

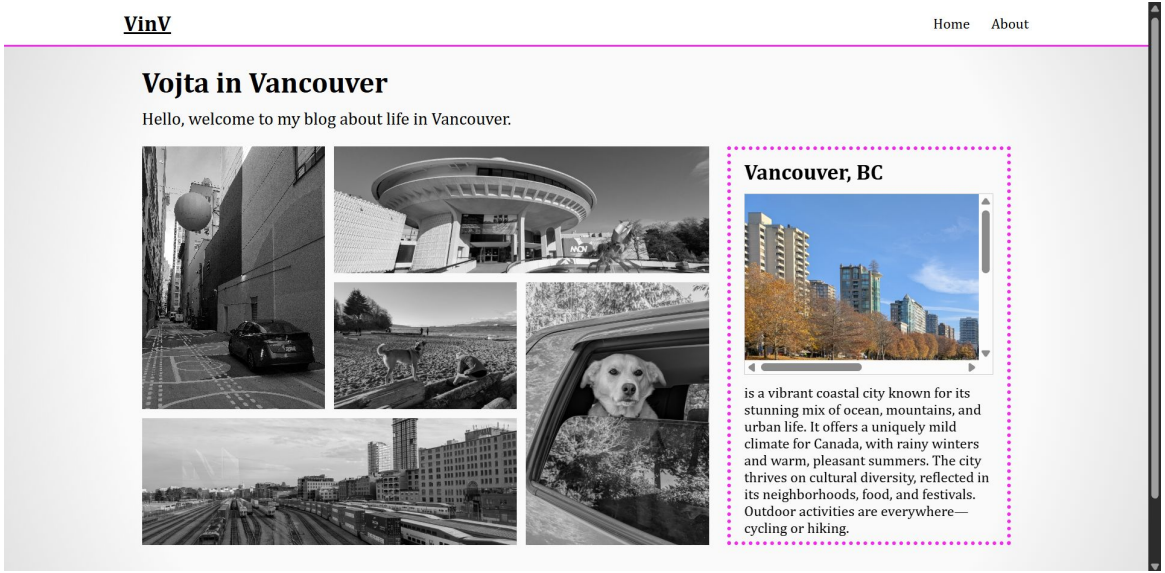
Vojtech Kousal - Vojta in Vancouver

My Project

1 of 30: Showcase your Website

Open your website on a browser,
and answer these questions:

a) What is your website about?
b) What pages and content does it have?
c) How do you navigate through your website?



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2 of 30: Share your GitHub repository

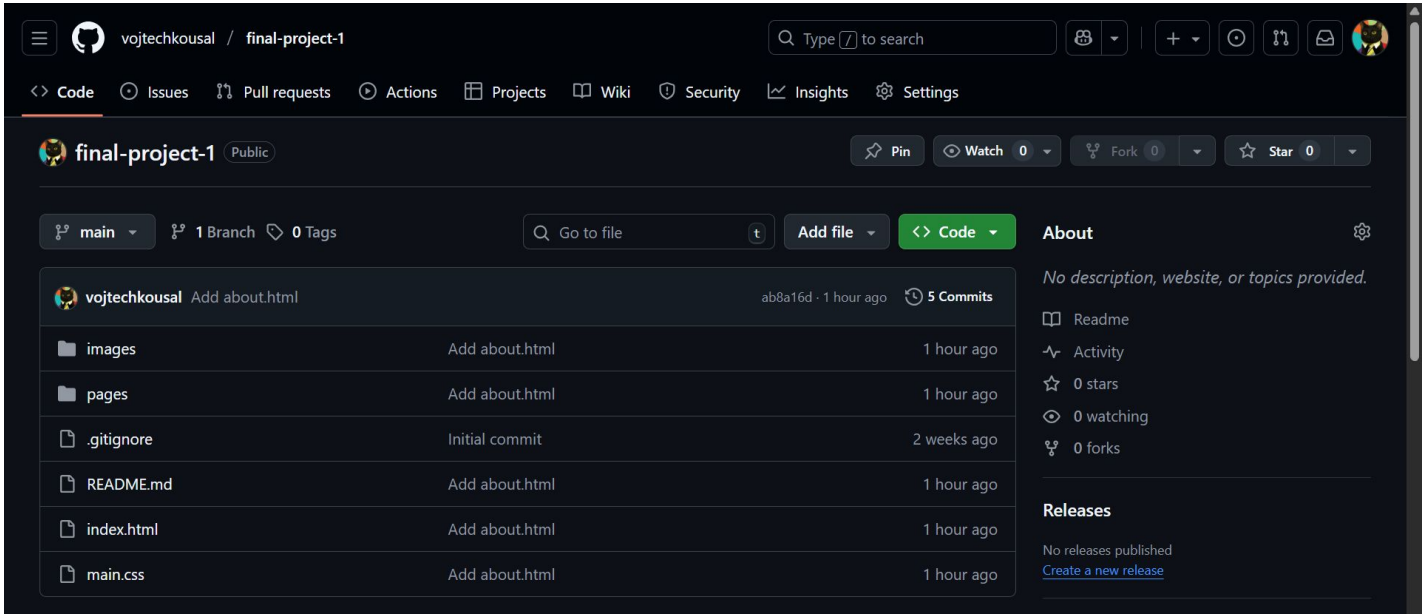
GitHub Repository

https://github.com/vojtechkousal/final-project-1

Answer these questions:

a) Is your project on GitHub?

b) How can a potential employer check it out? (clone)



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3 of 30: Showcase how your Files are Organized

Answer these questions:

a) Do you have an index.html at the root?
   i) If it isn't at the root explain why.

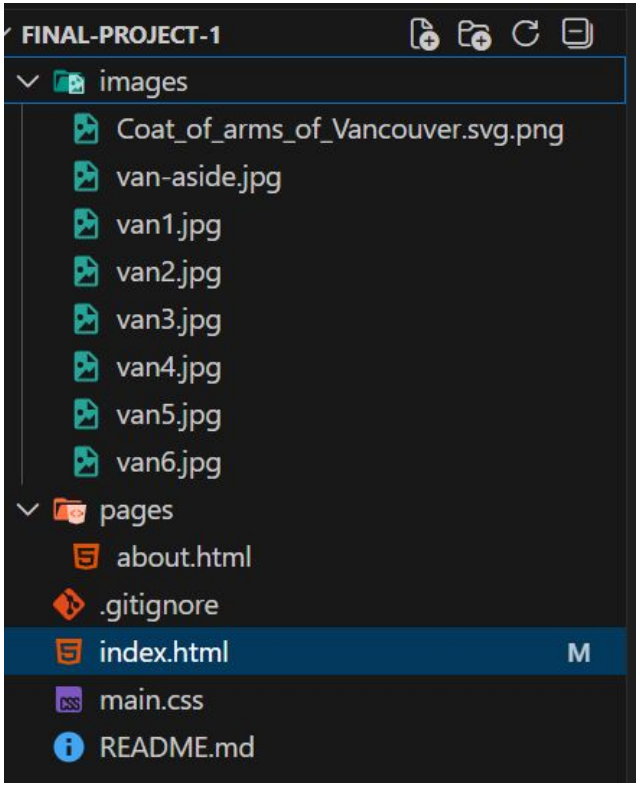
b) Do you have other HTML pages? Where?

c) Do you have CSS files? Where?

d) Where/how do you organize your assets?

e) What other files do you have, if any?

Project File Structure



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README File

4 of 30: Showcase how you document with README file

Answer these questions:

a) Do you have a README.md file?
b) Where is it in the project structure?
c) What does it have?
   i) Does it describe the project well?
   ii) Does it indicate who the author(s) and contributor(s) of the project are?
   iii) If necessary, does it include instructions for how to use or navigate your web project?
   iv) Is the README file formatted well?

README.md

```
1  This is the final project of the first module of the Co-op
   Diploma Program in Web Development at Tamwood Careers in
   Vancouver, BC.
2
3  Vojtech Kousal, 2025
```

HTML5 Boilerplate

5 of 30: Showcase how you use HTML5 boilerplate

Answer these questions:

a) Does your html have:
   i) DOCTYPE
   ii) lang attribute in <html>
   iii) charset metadata
   iv) viewport metadata
   v) page title

```
1  <!DOCTYPE html>
2  <html lang="en"><head>
3      <meta charset="UTF-8">
4      <meta name="viewport" content="width=device-width, initial-scale=1.0">
5      <title>Vojta in Vancouver</title>
6      <link rel="stylesheet" href="./main.css">
```

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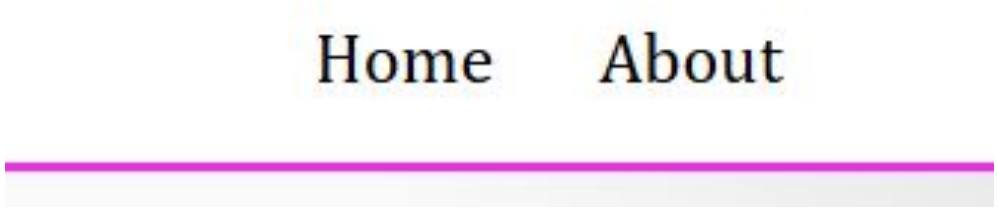
Landing Page Navigation

6 of 30: Showcase landing page navigation

Answer these questions:

a) Which page is the one that browsers will load initially?

b) How do you handle navigation to other parts of the landing page, and/or to other pages in the website?




```
<nav id="main-nav" aria-label="Main navigation">
    <div id="header-nametag">
        <a href="#">VinV</a>
    </div>

    <ul>
        <li><a href="#">Home</a></li>
        <li><a href="pages/about.html">About</a></li>
    </ul>
</nav>
```

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Multi-Page Navigation

7 of 30: Showcase navigation between pages

Answer these questions:

a) How do you handle navigation from other pages back to the home page?

b) How do you handle navigation between pages (back-and-forth) in general?

```
<nav id="main-nav" aria-label="Main navigation">
    <div id="header-nametag">
        <a href="#">VinV</a>
    </div>

    <ul>
        <li><a href="#">Home</a></li>
        <li><a href="pages/about.html">About</a></li>
    </ul>
</nav>
```

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8 of 30: Showcase HTML structure

General HTML Structure & Format

Answer these questions:

a) How are your HTML elements nested?
   i) Do you have a <header> section?
   ii) If so, what is in it? If your <nav> is not in it explain why.
   iii) Do you have a <main> section?
   iv) If so, what is in it? If not, explain why.
   v) Do you have other <sections>? Which?
   vi) Do you have a <footer>?
   vii) Do you have other section elements?

b) Ensure there are no noticeable issues with how your HTML is structured and formatted.

```
<!DOCTYPE html>
<html lang="en"><head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Vojta in Vancouver</title>
    <link rel="stylesheet" href="./main.css">
    <!-- example of internal css -->
    <style>
        body {
            font-family:Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
        }
    </style>
</head>
<body>
    <header>
        <nav id="main-nav" aria-label="Main navigation">
            <div id="header-nametag">
                <a href="#">VinV</a>
            </div>

            <ul>
                <li><a href="#">Home</a></li>
                <li><a href="pages/about.html">About</a></li>
            </ul>
        </nav>
    </header>

    <main class="main-container">

        <!-- example of block element -->
        <article id="main-article">
            <h1>Vojta in Vancouver</h1>
            <p>Hello, welcome to my blog about life in Vancouver.</p>
```

HTML Comments

9 of 30: Showcase use of HTML comments

Answer these questions:

a) Did you use comment lines in your HTML?

b) Give some examples of where, how and why.

```
29      <!-- example of block element -->
30      <article id="main-article">
31          <h1>Vojta in Vancouver</h1>
32          <p>Hello, welcome to my blog about life in Vancouver.</p>
33      </article>
```

Inline CSS

10 of 30: Showcase inline CSS

Answer these questions:

a) Can you show one example of inline styling?

```
<!-- example of inline css -->
<h2 style="padding-bottom: 10px;">Vancouver, BC</h2>
```

Internal CSS

11 of 30: Showcase internal CSS

Answer these questions:

a) Can you show one example of internal styling?

```
<!-- example of internal css -->
<style>
    body {
        font-family:Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
    }
</style>
```

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External CSS

12 of 30: Showcase external CSS

Answer these questions:

a) Did you use external styling in your project?

main.css | about.html | index.html M | README.md

main.css > *

```css
* {
    box-sizing: border-box;
    margin: 0;
    padding: 0;
}

/* example of type selector*/
body {
    background: radial-gradient(circle, rgba(250, 250, 250, 1) 70%, rgba(222, 222, 222, 1) 100%)
}

header {
    background-color: white;
    padding: 10px 0;
    border-bottom: 2px solid rgb(245, 40, 238);
}

/* example of id selector*/
#main-nav {
    max-width: 1000px;
    margin: auto;
    display: flex;
    justify-content: space-between;
    align-items: center;
}

#header-nametag a {
    font-size: 24px;
    font-weight: bold;
    color: black;
}

nav ul {
```

```
<link rel="stylesheet" href="./main.css">
```

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CSS Block Display

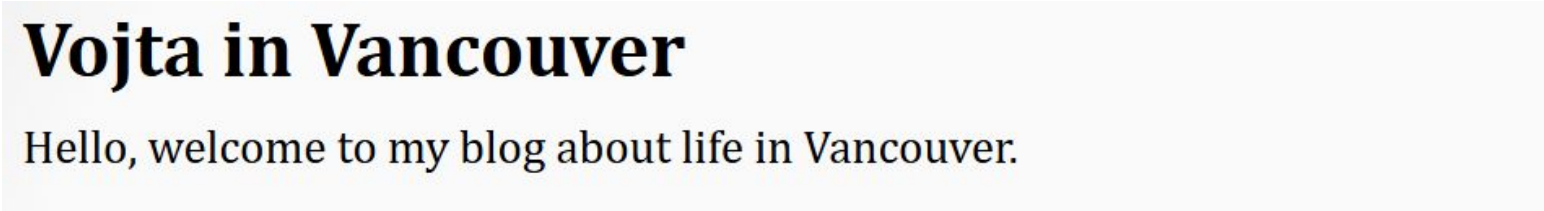
13 of 30: Showcase block elements

Answer these questions:

a) What is an example of an element with block display in your project?

Note: *Many elements have display block by default, so you do not need to explicitly give it in your CSS. Simply indicate an element in your project that has block display and why.*

```
<!-- example of block element -->
<article id="main-article">
    <h1>Vojta in Vancouver</h1>
    <p>Hello, welcome to my blog about life in Vancouver.</p>
</article>
```



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CSS Inline Display

14 of 30: Showcase inline elements

Answer these questions:

a) What is an example of an element with inline display in your project?

Note: *Many elements have display inline by default, so you do not need to explicitly give it in your CSS. Simply indicate an element in your project that has inline display and why.*

```
<!-- example of inline element -->
<p>is a vibrant coastal city known for its stunning mix of ocean, mountains, and u
```

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CSS Inline-Block Display

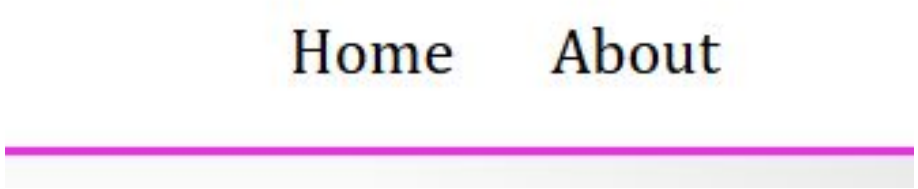
15 of 30: Showcase inline-block elements

Answer these questions:

a) What is an example of an element with inline-block display in your project?

b) Why does that element have inline-block display?

```
/* example of inline-block */
nav ul li {
    display: inline-block;
    margin-left: 20px;
}
```



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CSS Type Selector

16 of 30: Showcase CSS type selector

Answer these questions:

a) What is an example of a type selector in the CSS of your project?

```
/* example of type selector*/
body {
    background: radial-gradient(circle, rgba(250, 250, 250, 1) 70%, rgba(222, 222, 222, 1)
}
```

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CSS Class Selector

17 of 30: Showcase CSS class selector

Answer these questions:

a) What is an example of a class selector in the CSS of your project?

```
/* example of class selector*/
.gallery-image.tall {
    grid-row: span 2;
}
```

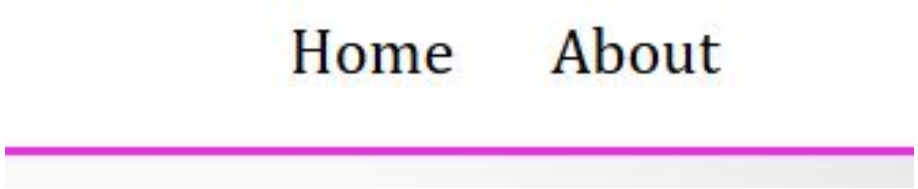
CSS Id Selector

18 of 30: Showcase CSS id selector

Answer these questions:

a) What is an example of an id selector in the CSS of your project?

```css
/* example of id selector*/
#main-nav {
    max-width: 1000px;
    margin: auto;
    display: flex;
    justify-content: space-between;
    align-items: center;
}
```



CSS Box Model

19 of 30: Showcase CSS Box Model

Answer these questions:

a) Can you showcase how you utilize the Box Model for styling elements?
   i) Did you use the box-sizing property?
   ii) Does the element have margin?
   iii) Does the element have border?
   iv) Does the element have padding?
   v) Does the element have width, height, or content?

```
#aside-text {
    border: 4px dotted rgb(245, 40, 238);
    padding: 15px;
}
```

Vancouver, BC

is a vibrant coastal city known for its stunning mix of ocean, mountains, and urban life. It offers a uniquely mild climate for Canada, with rainy winters and warm, pleasant summers. The city thrives on cultural diversity, reflected in its neighborhoods, food, and festivals. Outdoor activities are everywhere—cycling or hiking.

CSS Basic Properties

20 of 30: Showcase basic CSS properties

Answer these questions:

a) Did you use background properties?
b) Did you use color properties?
c) Did you use font and text properties?

```css
footer {
    margin-top: 30px;
    padding: 20px;
    text-align: center;
    background-color: #fafafa;
    border-top: 2px solid rgb(245, 40, 238);
    font-size: 14px;
}
```

21 of 30: Showcase pseudo-classes with link styles

Answer these questions:

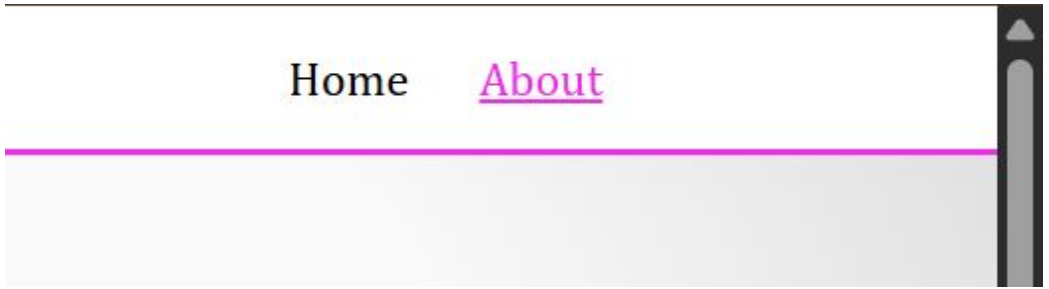
a) Did you use pseudo-classes in your project?
b) Showcase an example of :link
c) Showcase an example of :visited
d) Showcase an example of :hover
e) Showcase an example of :active or :focus
f) Did you follow the LVHA order for link styling?

CSS Pseudo-classes & Link Styles

```
nav ul li a:link {
    color: black;
    text-decoration: none;
}

nav ul li a:visited {
    color: black;
}

nav ul li a:hover {
    text-decoration: underline;
    color: rgb(245, 40, 238);
}
```



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22 of 30: Showcase Floated Element

Answer these questions:

a) Can you showcase an example of a Floated element?

b) Is it floated left or right? Why?

```
aside img {
    float: left;
    max-width: 50%;
}
```

CSS Float

Vancouver, BC

is a vibrant coastal city known for its stunning mix of ocean, mountains, and

CSS Clear Property

23 of 30: Showcase Clear Property

Answer these questions:

a) Can you showcase an example of the clear property?

b) What elements are being cleared, and why?

```
#aside-text p {
    padding-top: 10px;
    margin-bottom: -10px;
    clear: both;
}
```

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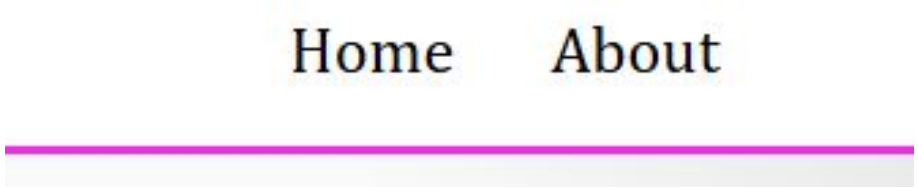
CSS Flexbox Container

24 of 30: Showcase a Flexbox Container

Answer these questions:

a) Can you showcase an example of an element with a display of Flex?
   i) Did you use the justify-content property?
   ii) Did you use the align-items property?
   iii) Did you use the flex-wrap property?
   iv) Did you use the flex-direction property?
   v) Did you use the gap property?
   vi) Did you use any other properties in the flex container? Which and why?

```
/* example of id selector*/
#main-nav {
    max-width: 1000px;
    margin: auto;
    display: flex;
    justify-content: space-between;
    align-items: center;
}
```



CSS Flexbox Items

25 of 30: Showcase Flexbox Items

Answer these questions:

a) Can you showcase an example of two or more elements that are contained in a flexbox?
   i) Did you use the flex properties?
   ii) Did you use the align-self property?
   iii) Did you use the order property?

```
#header-nametag a {
    font-size: 24px;
    font-weight: bold;
    color: black;
}

nav ul {
    list-style: none;
}
```

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CSS Grid

26 of 30: Showcase CSS Grid

Answer these questions:

a) Can you showcase an example of an element with a display of grid?
b) Did you use grid-template-columns?
c) Did you use grid-template-rows?
d) Did you use grid areas? Named or unnamed?
e) Did you use gap property?
f) Did you use any other grid properties?

```
.content-row {
    display: grid;
    grid-template-columns: 2fr 1fr;
    gap: 20px;
    margin-top: 20px;
}

#gallery {
    display: grid;
    grid-template-columns: repeat(3, 1fr);
    grid-auto-rows: 140px;
    gap: 10px;
}

.gallery-image {
    width: 100%;
    height: 100%;
    object-fit: cover;
    display: block;
    filter: grayscale(100);
}
```

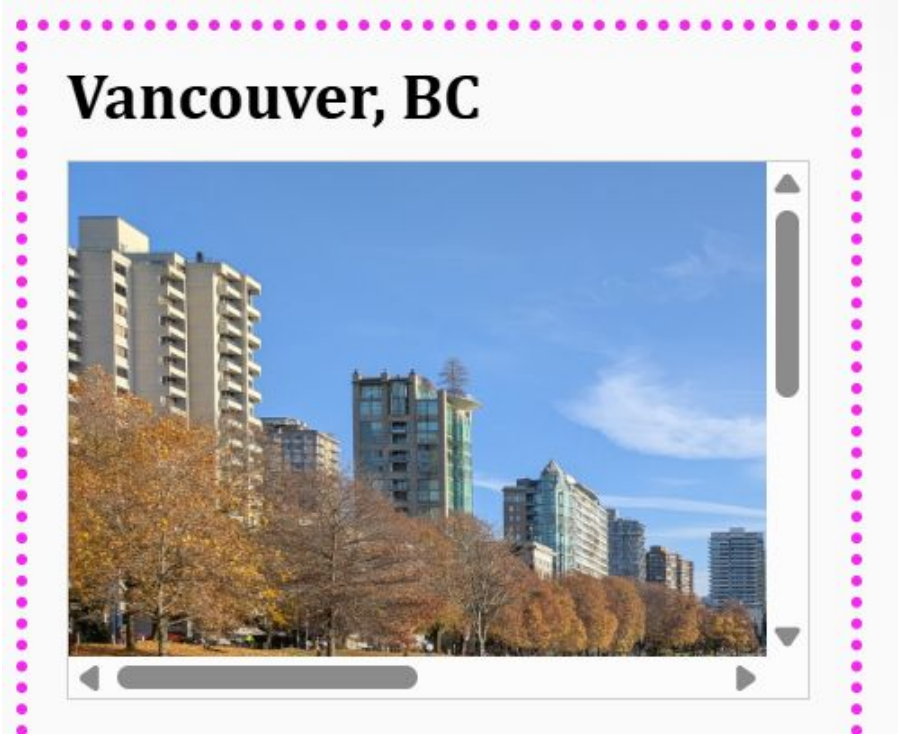
CSS Overflow Property

27 of 30: Showcase use of Overflow

Answer these questions:

a) Can you showcase an example of the overflow property?

```
.image-wrapper {
    width: 100%;
    height: 200px;
    overflow: scroll;
    border: 1px solid #ccc;
}
```

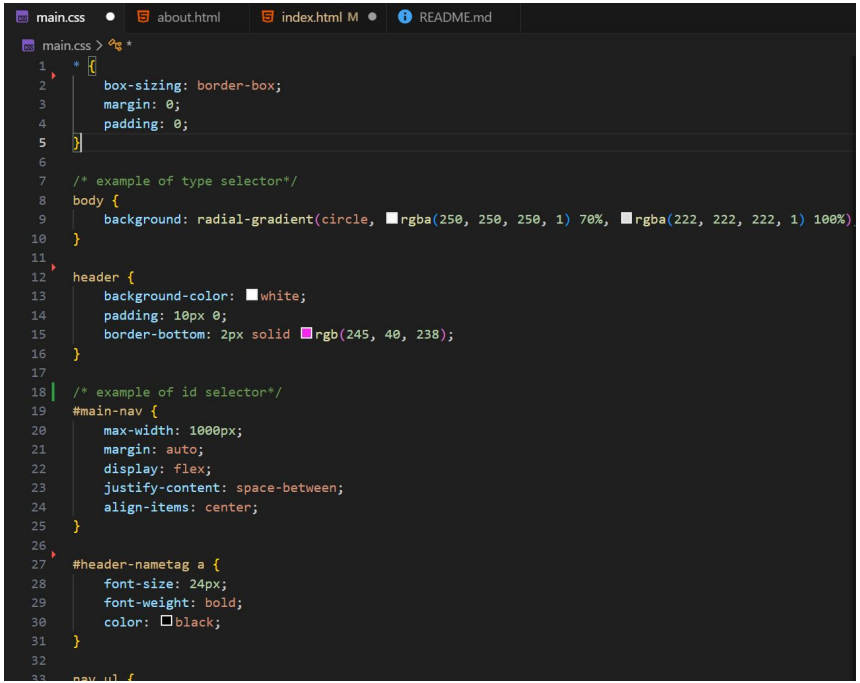


CSS Syntax & Formatting

28 of 30: Showcase CSS Syntax & Format

Answer these questions:

a) Does your CSS have proper indentation and white space usage?
b) Are your CSS declarations organized in a good order without specificity conflicts?



CSS Comments

29 of 30: Showcase CSS Comments

Answer these questions:

a) Did you use comment lines in your CSS?
b) Give some examples of where, how and why.

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30 of 30: Showcase your Biggest Challenge

Answer these questions:

a) What was your biggest challenge or struggle with the project so far?

b) If you overcame it, how did you do it?

Biggest Challenge