

IWP Assignment 1

Listicle

In this assignment, you will be practicing the HTML and CSS that we learned in IWP lectures.

You are given screenshots and a description of a specific web page to replicate. You will recreate the web page as shown in the provided screenshots as per the given instructions.

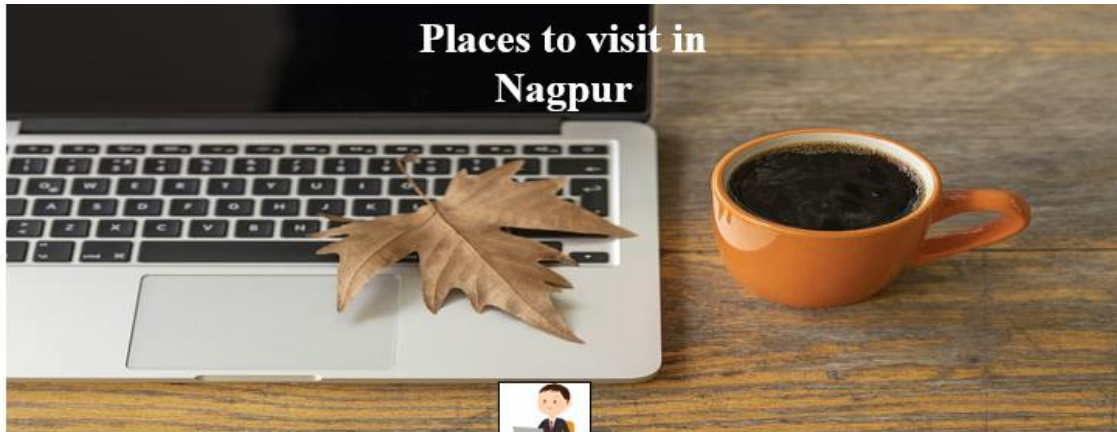
Lab Listicle:

A listicle is a piece of writing or other content presented wholly or partly in the form of a list.

You will create a listicle web page that describes the “3 on-campus labs you should be visiting” at VNIT. You should create the web page in `<roll no>_<Name>_listicle.html` with styles defined in `<roll no>_<Name>_listicle-style.css`

1. Overall appearance

Here is a miniature screenshot of the website you need to recreate in this assignment:



The Instructor
September 2021

1. Italian soda at Bytes

[Location ABC](#)

When's the last time you've had an Italian soda? It had been a while for me, but I wanted to join my friend for a non-caffeinated beverage at Bytes and I became reacquainted with the combination of fizzy water and artificial fruit syrup. Italian sodas are not so sweet as a normal soda and not so boring as a flavored carbonated water. The Italian sodas at bytes also have cream in them (or maybe they do if you ask; I haven't tried), which makes it a nice coffee shop alternative for the times when you're feeling a refreshing drink that doesn't have caffeine or milk.

Recommendation: Raspberry Italian soda



2. Bubble tea at Pop Tea

[Location XYZ](#)

When your boba craving strikes, head over to Pop Tea Bar, a cute little bubble tea shop on Cambridge Avenue. The menu is your standard bubble tea fare with nothing too adventurous on the menu – no

Note that:

- you have to select the images and content from your own side.
- the images should be stored in the current directory/`images/` folder.

2. Section measurements

500
px



50px



100px

The Instructor
September 2021

66.67% of page width

40px

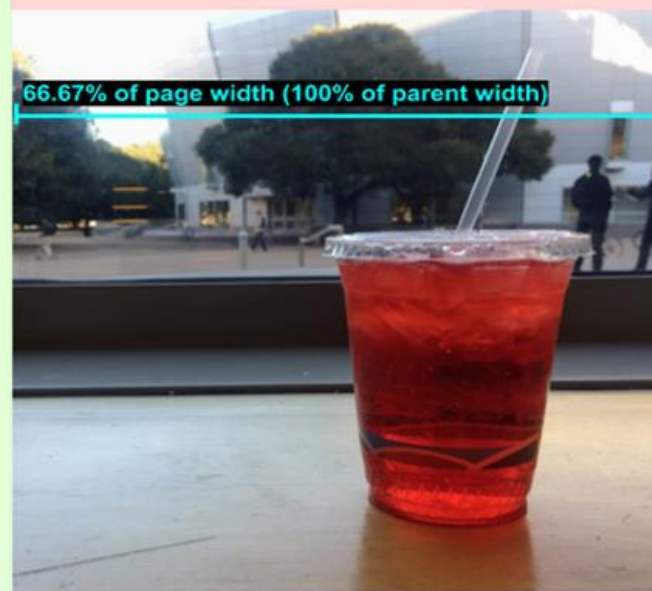
1.

Italian soda at Bytes

[Location ABC](#)

When's the last time you've had an Italian soda? It had been a while for me, but I wanted to join my friend for a non-caffeinated beverage at Bytes and I became reacquainted with the combination of fizzy water and artificial fruit syrup. Italian sodas are not so sweet as a normal soda and not so boring as a flavored carbonated water. The Italian sodas at bytes also have cream in them (or maybe they do if you ask; I haven't tried), which makes it a nice coffee shop alternative for the times when you're feeling a refreshing drink that doesn't have caffeine or milk.

Recommendation: Raspberry Italian soda



66.67% of page width (100% of parent width)

60px

20px

20px

20px

120px

2.

Bubble tea at Pop Tea

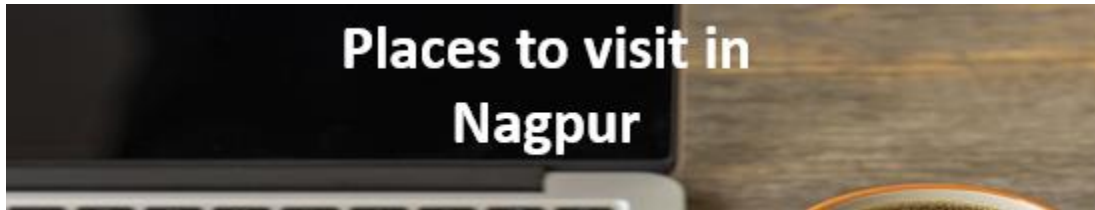
[Location XYZ](#)

When your boba craving strikes, head over to Pop Tea Bar, a cute little bubble tea shop on Cambridge Avenue. The menu is your standard bubble tea fare with nothing too adventurous on the menu -- no

Note: measurements of some elements that are absent should be chosen by you.

3. Font faces, sizes, and colors

Page Title:



The font face is 'Roboto Slab' and the fallback font is serif.

- The font size is 36px.
- The font weight is normal (not bold).
- The font color is white.
- The title is vertical and center aligned to the header image.

Profile Text:

The Instructor

September 2021

- The font face is 'Source Sans Pro' and the fallback font is sans-serif.
- The font size is 18px.
- The font weight for the author name (“The Instructor”) is bold
- The font style for the last updated (“September 2021”) is italic.
- The font color is `rgb(51, 51, 51)`.
- The line height 24px.
- The gray line under the “Last updated” line is 10px under the text, 2px wide, and the color is #e6e6e6.

Body Text:

1. Italian soda at Bytes

Location ABC

When's the last time you've had an Italian soda? It had been a while for me, but I wanted to join my friend for a non-caffeinated beverage at Bytes and I became reacquainted with the combination of fizzy water and artificial fruit syrup. Italian sodas are not so sweet as a normal soda and not so boring as a flavored carbonated water. The Italian sodas at bytes also have cream in them for maybe they do if you ask: I

- Heading
 - The font face is `'Roboto Slab'` and the fallback font is `serif`.
 - The font size is 36px.
 - The font weight is `bold`.
 - The number's color is `rgba(0, 0, 0, 0.25)`.
 - The title color is `rgb(51, 51, 51)`.
- Address
 - The address under the heading is a link and is described in the Links Section below.
- Paragraphs
 - The font face is `'Source Sans Pro'` and the fallback font is `sans-serif`.
 - The font size is 18px.
 - The line height 32px.
 - The font color is `rgb(51, 51, 51)`.

4. Links

Here is a description of how links should work on your page:

- Each address of the page is a link. The URL for each link is specified by the coder (can be the respective lab or the department website).
- The link color is `#42b4d6`.
- The link is not bold, and the link is not underlined unless you hover over the link.
- When you hover over the link, the link becomes underlined.
- Hint: To remove or add an underline, you can play with CSS property `text-decoration`;

5. Images

- Header image
 - The header is a background image and should be referenced from the images folder.
 - The background does not repeat.
 - The background's size is set to `cover`.

- The background position is anchored to the `top`.
- Its height is `500px`.
- There is a semi-transparent color overlay on top of the header image, which is `rgba(0, 0, 0, .3)`
 - **Note:** You can achieve this using the following CSS rule:


```
background-image: linear-gradient(rgba(0, 0, 0, .3),
          rgba(0, 0, 0, .3)), url(../images/header.jpg);
```
- Profile image (cartoon of a user using a laptop)
 - The profile image should be referenced from the images folder.
 - Its width is `100px`.
 - It has rounded corners with radius `100%`.
 - It has a `white` border that is `1px` thick.

HTML and CSS style requirements

Following practices will carry weightage:

- **Use HTML and CSS we've learned in class.** You should be able to complete this assignment using HTML and CSS we've learned in class. While you are not strictly forbidden from using HTML/CSS we haven't talked about in class, if you use it incorrectly or if you make poor stylistic choices, you may be marked down.
- **Do not use JavaScript.** There's no need to use JavaScript in this assignment.
- **Respect Separation of Concerns.** Your HTML should describe the content of your page, and your CSS should describe your page's appearance. This carries significant weightage.
- **Do not use an ordered list element (`ol`) to create the list layout.** There's nothing wrong with doing this, per se, but it involves some fairly esoteric CSS that we did not cover in class. We recommend you write out the numbers "1.", "2.", etc. in the HTML instead of using ordered list element `ol`.
- **Follow the best practices** that were discussed in lecture.
- **Reduce redundancy in CSS.** Try not to have too many redundant styles, if there are ways to use inheritance or special selectors to concisely define style rules.
- **Match the given appearance as closely as possible.** It's fine if your web page is off from our description by a few pixels here and there, but noticeable differences may result in a lower assignment score.
- **Use descriptive names, consistent spacing,** and otherwise follow good code hygiene.
- **Use flex layout at least once.**
- **The website should be properly viewable on a mobile as well.**

The images and content text should be selected by you – however, these selections will not decide the marks.

Some additional ideas:

- **“Parallax” Effect:** This is a trendy style where the background of a page is moved at a different speed than the foreground content while scrolling. In its simplest form, the background image stays in the same place as the page scrolls. Try implementing the parallax effect using CSS! You can check out this [W3Schools demo](#) to see how it works. Inspect the elements to see what CSS they use to get this effect.
 - Note: The example linked above is simple but not actually best practice. You can check out [this article](#) to try a more sophisticated implementation.
- **CSS animations:** When the real [Squarespace demo](#) loads, notice how the text “Sustainability STARTS WITH YOU” animates in. Try experimenting with some similar CSS animations on your page.

Submit

Upload instructions:

1. Following files should be present:
 - a. `<roll no>_<Name>_listicle.html`
 - b. `<roll no>_<Name>_listicle.css`
 - c. `images` folder
 - d. *explain* video – explaining about the code and its features, including the output. This video is where you have to convince me that you have worked at this assignment all by yourself and given a lot of effort. You should particularly highlight the features where you think you might have surpassed others.
2. Compress these files into a single zip file named: `<Roll no>_<Name>_IWPw21_A1.zip`
3. Upload link: <https://forms.gle/id6DY9u53DhMW4FP7>