Exercise 2

***Note: Use VSCode for this exercise (Use the provided Node.js Template).***

**Objective of this exercise: Help you familiarize with some of the HTML tags,**

What is a website or a webpage? the direct definition is, a hypertext document (written using HTML) on world wide web, and a collection of such documents is website. Such documents are written in HTML.

These are some of the examples of such websites or pages.

<https://motherfuckingwebsite.com/>, <https://justinjackson.ca/words.html>.

Pretty plain and simple right??

Yeah, the rest of the things such as colours and designs are implemented using CSS.

HTML is usually divided into head and body,

We’ll be concentrating more on the body part rather than the head.

If you are interested in what goes on around the head part of html you can read [this](https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/The_head_metadata_in_HTML).

Tag1: <h1> heading tags </h1>, <h2></h2> etc:

These are heading tags, with the increase in number (hn where n in the number) the size of heading decreases h1 being the largest and h6 being the smallest.

Tag2: <p> paragraph tag </p>:

This is a paragraph tag; paragraph tags are generally used for putting a bunch of texts as paragraphs.

Tag 3,4,5: <ul>unordered lists</ul>, <ol>ordered lists</ol> and <li> list item </li>

imagine it this way, you are out for shopping to make French toast, you collect your ingredients in random order as per the list, that’s your unordered list. Example:

<ul>

* bread
* Milk
* Butter
* Eggs

</ul>

Now, imagine yourself making the toast, you’ll follow recipe and make it according as per the given steps, that’s your ordered list. Example:

<ol>

1. Whisk milk, eggs, vanilla, cinnamon, and salt together in a shallow bowl.
2. Lightly butter a griddle and heat over medium-high heat.
3. Dunk bread in the egg mixture, soaking both sides. Transfer to the hot skillet and cook until golden, 3 to 4 minutes per side. Serve hot.

</ol>

(Note: I just copied everything from this [site](https://www.allrecipes.com/recipe/7016/french-toast-i/). Don’t question me on this, idk how to cook or bake.)

<li> are list items that’s what you put inside <ol> or <ul> tags.

Tag6:<nav> navigation </nav>:

This is a navigation tag, the navigation bars you’ve seen in several websites are basically made with the combination of these nav tags and list tags.

You can read more about this tag [here](https://www.positronx.io/create-html-navigation-bar-nav-tag/).

Tag 7, 8: <section> </section>, <div> </div>

Section tags are basically used to club similar elements together.

Example: <section>

<h1>this is under a section</h1>

<p>this is a paragraph inside a section tag. <p>

</section>

A div tag is a lot similar to the section tag in some aspects. Read more [here](https://www.w3docs.com/learn-html/html-div-tag.html).

Tag 9: <a> anchor tag </a>

An anchor tag is primarily used for accessing links or as section of a page using its id, anchor tag as href attribute, which is used for the previously mentioned purpose.

Example:

<a href=’ <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/a>’> read more here. </a>

Tag 10: <img src=’something.jpg’ alt=’some img’> image tag.

This is an image tag, as the name suggests it is used to put image in your webpage. It has two primary attributes, source (src) and alt (text that describes the image. Let’s say your image isn’t loading for some reason, that’s when your alt tag is visible.).

Read more [here](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/img).

Exercise: create a basic website with whatever is provided in this document.

Bonus: read and try to understand about the following: footer, title, icons in a webpage and span.