Tutorial 1 - HTML

Hypertext Markup Language (HTML) is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.

Creating a HTML Project

Before creating a HTML project, first create a folder and name it `my-instagram`.

1. Open `Visual Studio Code` then click on `File`.
2. Click on `Open` and navigate to your `my-instagram` folder.
3. Click on `File` and `New File` to create a normal text file.
4. Go to `File` then click on `Save as` then replace the file name with `index.html`

HTML Tag

We are able to generate HTML default tags by typing the following code in the `index.html` that you had created.

```
html:5
```

Result

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Document</title>
</head>
<body>

</body>
</html>
```

Updating Title of the Website

```html
<head>
    ...
    <title>My Instagram</title>
    ...
</head>
```

The result will reflect on the browser tab.

Creating Navigation Bar

Paste the following code inside the body tag

```
<body>
    <!-- COPY FROM HERE-->
    <div class="header-wrapper">
        <div class="header-content container">
            <div class='header-logo'>
                <i class="fab fa-instagram fa-2x"></i>
            </div>
        </div>
    </div>
    <!-- COPY TILL HERE-->
</body>
```

This will create a navigation bar for the website but without CSS it won't display nicely. Let's finish up the structure of the website before proceeding to CSS.

Create the User Profile

Paste the following code inside the body tag but under the **previous** div

```
<body>
    <div class="header-wrapper">
        ...
    </div>

    <!-- COPY FROM HERE-->
    <div class="container content">
        <div class="row">
            <div class="col-4">
                <img class="profile-pic" src="https://scontent.fkul14-
1.fna.fbcdn.net/v/t1.0-
9/13237870_1717206468550140_7530501783167220314_n.png?
_nc_cat=106&_nc_oc=AQnyqSlAa86A2V0FzUz_dhGxDemD7iO5anzLWN2mYHdrYpZJFD4pZp2
1lHP78tnF2IaoGuD0I7mJE0yQuVtk9yCS&_nc_ht=scontent.fkul14-
1.fna&oh=ac1a0e6472e18050b5f0dae36efe7dca&oe=5E12AFF5"/>
            </div>
            <div class="col-8">
                <div class="row">
                    <div class="profile-id">thelead.io</div>
                </div>
                <div class="row">
                    <div class="col-3 profile">101 posts</div>
                    <div class="col-3 profile">141 followers</div>
                    <div class="col-3 profile">430 following</div>
```
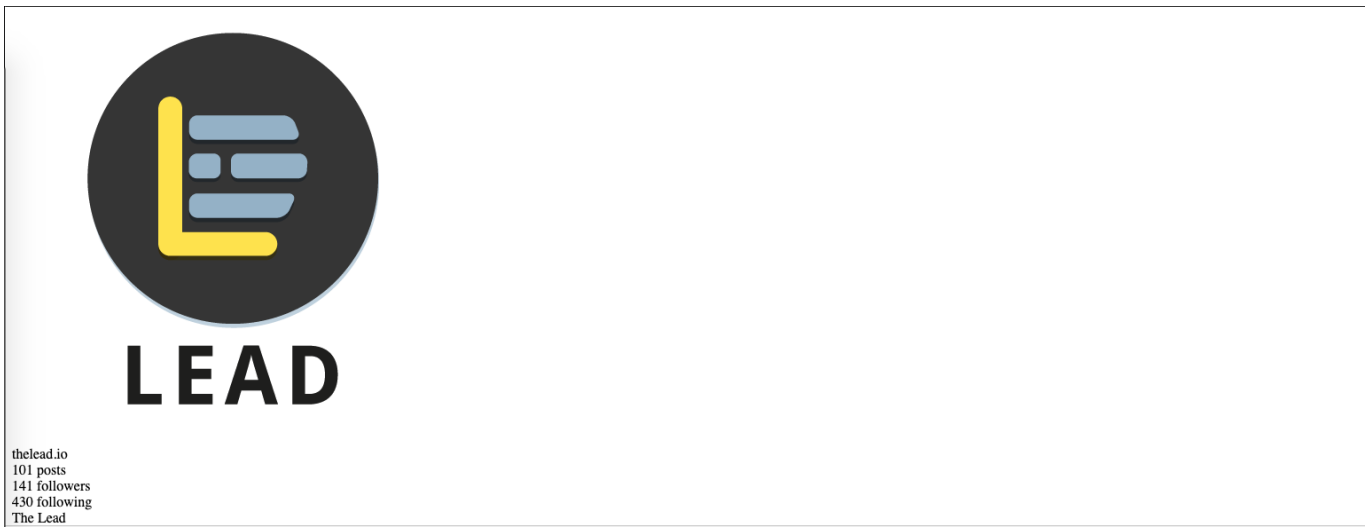
```
                        </div>
                        <div class="row">
                            <label class="profile-name">The Lead</label>
                        </div>
                    </div>
                </div>
            </div>
        <!-- COPY TILL HERE-->
    </body>
```

Open your `index.html` with browser and the expected outcome should be like this:

Let's Add Some Images under our profile

Paste the following code within the **body** tag under the **previous** `div`

```
<body>
    <div class="header-wrapper">
        ...
    </div>
    <div class="container content">
        <div class="row">
            ...
        </div>
        <!-- COPY FROM HERE-->
        <div class="row posts">
            <div class="col-4">
                <img class="post-img" data-toggle="modal" data-
target="#modal-001"
                    src="https://scontent.fkul14-1.fna.fbcdn.net/v/t1.0-
9/60484604_2307020952902019_4495354458393280512_o.jpg?
_nc_cat=111&_nc_oc=AQn8jdOTS_1v2zKdFvXIDxa2K_JTjIvfhMhwMa7J7HgSDmtaLICkQLv
z1-YlYKgzY0Gq7dQr_Ojp43THNczqJNJD&_nc_ht=scontent.fkul14-
1.fna&oh=6a3eeda06cc2d51e3550bb3d82597d98&oe=5E08925A"/>

                <div class="modal fade" id="modal-001" tabindex="-1"
role="dialog" aria-labelledby="exampleModalLabel" aria-hidden="true">
```

```html
                        <div class="modal-dialog" role="document">
                          <div class="modal-content">
                            <div class="row">
                              <div class="col-7">
                                    <img class="modal-img"
                                    src="https://scontent.fkul14-
1.fna.fbcdn.net/v/t1.0-
9/60484604_2307020952902019_4495354458393280512_o.jpg?
_nc_cat=111&_nc_oc=AQn8jdOTS_1v2zKdFvXIDxa2K_JTjIvfhMhwMa7J7HgSDmtaLICkQLv
z1-YlYKgzY0Gq7dQr_Ojp43THNczqJNJD&_nc_ht=scontent.fkul14-
1.fna&oh=6a3eeda06cc2d51e3550bb3d82597d98&oe=5E08925A"/>
                              </div>
                              <div class="col-5 modal-comment">
                                  <div class="modal-header">
                                    <img class="modal-profile-pic profile-
pic" src="https://scontent.fkul14-1.fna.fbcdn.net/v/t1.0-
9/13237870_1717206468550140_7530501783167220314_n.png?
_nc_cat=106&_nc_oc=AQnyqSlAa86A2V0FzUz_dhGxDemD7iO5anzLWN2mYHdrYpZJFD4pZp2
1lHP78tnF2IaoGuD0I7mJE0yQuVtk9yCS&_nc_ht=scontent.fkul14-
1.fna&oh=ac1a0e6472e18050b5f0dae36efe7dca&oe=5E12AFF5"/>
                                    <label class="modal-profile-id
profile-id">thelead.io</label>
                                  </div>
                                  <div class="modal-body" id="post-1">
                                    <div class="row">
                                      <div class="col-3">
                                        <img class="modal-comment-img
profile-pic" src="https://scontent.fkul14-1.fna.fbcdn.net/v/t1.0-
9/13237870_1717206468550140_7530501783167220314_n.png?
_nc_cat=106&_nc_oc=AQnyqSlAa86A2V0FzUz_dhGxDemD7iO5anzLWN2mYHdrYpZJFD4pZp2
1lHP78tnF2IaoGuD0I7mJE0yQuVtk9yCS&_nc_ht=scontent.fkul14-
1.fna&oh=ac1a0e6472e18050b5f0dae36efe7dca&oe=5E12AFF5"/>

                                      </div>
                                      <div class="col-9">
                                        <label class="modal-comment-id
profile-id">thelead.io</label>

                                        <label class="msg">
                                            LEAD's PodCast - Cerebo
                                        </label>
                                      </div>
                                    </div>

                                  </div>
                                  <div class="modal-footer modal-footer-
like">
                                    <i class="far fa-heart fa-2x"></i>
                                    <i class="far fa-comment fa-2x"></i>
                                    <div class="like-message">
                                        Liked by <b>thelead</b>
                                    </div>
                                  </div>
                                  <div class="modal-footer">
                                    <input id="modal-1" type="text"
```
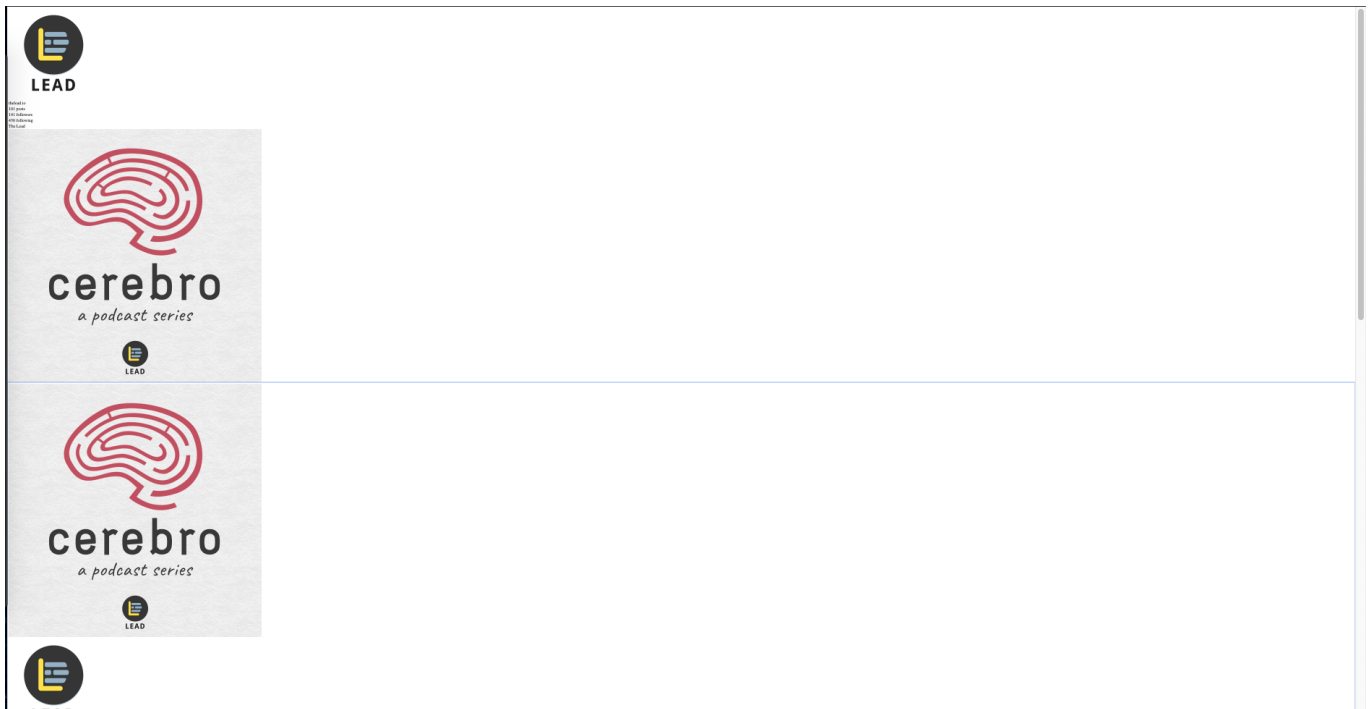
```
                    placeholder="Add a comment..." class="comment"/>
                                        <button type="submit" class="btn
        comment-btn" onclick="post_comment('modal-1')">Post</button>
                                    </div>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
            <!-- COPY TILL HERE-->
        </div>
    </body>
```

Refresh your browser tab and the expected outcome should be like this:

We had done with the website's structure. Let's style our website.