

Exno: 2)	Webpage Replication using HTML and CSS
Date: 07/01/25	

**Aim:**

To replicate a website's homepage using only HTML and CSS, focusing on layout, design, and responsiveness.

**Procedure:**

1. Analyze the target website's layout, typography, colors, images, and responsiveness using browser developer tools.
2. Set up a project folder containing:
3. index.html for the homepage structure.
4. styles.css for styling.
5. An assets folder for images and resources.
6. Create the basic HTML structure using semantic tags (<header>, <section>, <footer>).
7. Link the styles.css file to the HTML file using the <link> tag in the <head> section.
8. Style the layout and design in styles.css using Grid or Flexbox, applying fonts, colors, and spacing to match the original.
9. Save necessary images or placeholders in the assets folder and reference them in the HTML file.
10. Add media queries in styles.css to ensure responsiveness across various screen sizes.
11. Open the index.html file in a browser and compare it with the original website to make adjustments.
12. Validate the HTML and CSS using W3C tools to ensure correctness.
13. Organize files neatly and finalize the project.

**HTML Tags:**

Tags Used	Description
<main>	Represents the primary content of the document.
<div>	Generic container for grouping and styling content
 	Inserts a single line break
<h1>	Defines a most important heading.
<p>	Represents a paragraph of text.
<img>	Defines an image in an HTML page.
<a>	Defines a hyperlink, which is used to link from one page to another
<li>	Specifying a list item in ordered, unordered, directory, and menu lists
<ul>	Specifying a list item as unordered lists
<section>	Represents distinct thematic content or functional areas
<footer>	Contains closing content like copyrights and links

**CSS Properties:**

Properties Used	Description
color	Sets the text color of an element.
background-color	Defines the background color of an element
font-size	Specifies the size of the text.
margin	Controls space outside an element.
padding	Adjusts space inside an element.
border	Defines the border style, width, and color.
width	Specifies the width of an element.
height	Sets the height of an element.
display	Specifies how an element is displayed.
position	Defines an element's positioning method (static, absolute, etc.).

**Code:****Index.html**

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="utf-8" />
  <title>Flickr | The best place to be a photographer online.</title>

  <meta content="width=device-width, initial-scale=1" name="viewport" />
  <link href="replicate.css" rel="stylesheet" type="text/css" />
  <style>
    html {
      font-size: 1.125rem !important;
    }

    h1 {
      white-space: normal !important;
    }
  </style>
</head>

<body class="body">
  <div class="page-wrapper">

    <div class="nav_fixed">
      <marquee behavior="" direction="left">
        <div class="marquee-content scroll">
          <div class="flex-horizontal-left">
            <p class="banner-text text-style-bold">The 2024 Flickr Year in Review is here!</p>
```

```

<div class="padding-small"></div>
<div class="padding-right padding-large">
  <p class="banner-text">Check out the trends, surprises, and standouts from the world of
photography in 2024.
  </p>
</div>
<p class="banner-text text-style-bold">The 2024 Flickr Year in Review is here!</p>
<div class="padding-small"></div>
<div class="padding-right padding-large">
  <p class="banner-text">Check out the trends, surprises, and standouts from the world of
photography in 2024.
  </p>
</div>
</div>
</div>
</marquee>
<div class="navigation">

  <div class="navigation-container">
    <div class="navigation-left"><a href="" class="dark-mode-logo">
      </a></div>
    <nav class="nav-menu"><a href="" class="navigation-link">Features</a><a href=""
class="navigation-link"><span
      class="text-style-bold">Flickr</span>PRO</a><a href="" class="navigation-link">Ts
Apps</a>
    <div class="dropdown-2">
      <div class="dropdown-toggle-2">
        <div>Company</div>
      </div>
    </div>
  </nav>
  <div class="navigation-right">
    <div class="login-buttons"><a href="" class="search">

```

```

</a>
<div class="v-divider"></div><a href="" class="navigation-link
text-style-bold">Login</a><a href=""
class="button-menu">Sign up</a>
<div class="div-block-29">
<div class="div-block-30">


</div>
<div class="toggle_wrapper">
<div class="toggle_dot"></div>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="navigation-mob">
<div class="navigation-container-mob"><a href="" class="dark-mode-logo"></a><a href="" aria-current="page" class="light-mode-logo"></a>
<div class="div-block-29">
<div class="div-block-30"></div>
<div class="toggle_wrapper">

```

```

    <div class="toggle_component">
      <div class="toggle_dot"></div>
    </div>
  </div>
</div>
<nav role="navigation" class="mobile-nav">

  </div><a href="" class="mobile-nav-link ">Home</a><a href="" class="mobile-nav-link
">Features</a><a href=""
  class="mobile-nav-link "><span class="text-style-bold">Flickr</span>PRO</a><a href=""
  class="mobile-nav-link">The
  Apps</a>
  <div class="mobile-dropdown">
    <div class="mobile-toggle">
      <div class="icon "></div>
      <div>Company</div>
    </div>
    <nav class="dropdown-list-2"><a href="" class="dropdown-link-mobile ">
      <div class="nav-content-wrap">
        <div class="dropdown-title">About Us</div>
      </div>
      </a><a href="" class="dropdown-link-mobile ">
        <div class="nav-content-wrap">
          <div class="dropdown-title">Sustainability</div>
        </div>
        </a><a href="" target="_blank" class="dropdown-link-mobile ">
          <div class="nav-content-wrap">
            <div class="dropdown-title">Advertise</div>
          </div>
          </a><a href="" target="_blank" class="dropdown-link-mobile">
            <div class="nav-content-wrap">
              <div class="dropdown-title">Blog</div>
            </div>
          </a></nav>
        </div><a href="" class="log-in">

      <div class="explore-link-mobile">LOG IN</div>
    </a><a href="" class="mobile-button">Sign up</a>
  </nav>
  <div class="menu-mob">
    <div class="icon-5"></div>
  </div>
</div>
</div>
</div>
<main class="main-wrapper">
  <section class="section_hero">

```

Eberhard Grossgasteiger

```

    </div>
  </div>
  <div class="image-container-full">
    <div class="photocred-wrapper">
      <div class="photo-credit">Ave Calvar</div>
    </div>
  </div>
  <div class="flex-vertical-around">
    <div class="max-width-small">
      <p><strong>Flickr</strong> is a community in the truest sense: we are here for each
other, full stop.
      Get inspired. Get feedback. Get lost in a weird new photo style! We have got your
back.</p>
      <div class="spacer-small"></div>
      </div><a href="" class="link-wrap">
        <div class="text-link_pink">Best. neighbors. ever.<br /></div>
      </a>
    </div>
    <div class="flickr-comment">
      <div class="avatar-wrap"></div>
      <div class="comment-content">
        <p class="paragraph-3">Monoram</p>
        <p class="paragraph-4">I really like the composition of this. The water and the colors are
so
        beautiful, it is like a piece of art.</p>
      </div>
    </div>
    <div class="flickr-comment-2">
      <div class="avatar-wrap"></div>
      <div class="comment-content">
        <p class="paragraph-3">Sasha T. </p>

```

and show off  
your creativity, all in one place.</p>  
<div class="spacer-small"></div>



```

    </div>
    <div class="text-link_pink">This place. Right here.<br /></div>

    </div>
  </div>
</div>
</section>
<section class="section_inspiration">
  <div class="padding-global padding-section-large">
    <div class="container-large">
      <div class="grid-3x2">
        <div class="margin-bottom margin-negative-medium">
          </div>
        <p class="footer-text text-color-muted">Copyright @
        2025 Flickr.com<br />All Rights Reserved.</p>
      </div>
    </div>
  </div>
</div>
</body>

</html>

```

## Style.css

```

*{
  Margin: 0;
  Padding: 0;
  Background-color: #000;
  Color: #fff;
}

```

```
.scroll {
  Animation: scroll 45s linear infinite;
}
.marquee-content.scroll {
  Justify-content: space-around;
}
.flex-horizontal-left {
  Justify-content: flex-start;
  Align-items: center;
  Height: 100%;
  Display: flex;
  Gap: 40px;
  Padding: 2px;
}
.nav_fixed {
  Position: fixed;
  Width: 100%;
  Background-color: #000;
  Color: #fff;
  z-index: 1000;
}

.navigation {
  Display: flex;
  Justify-content: space-between;
  Align-items: center;
  Padding: 10px 20px;
}

.navigation-container {
  Display: flex;
  Justify-content: space-between;
  Align-items: center;
  Width: 100%;
}

.navigation-left a img.global-logo {
  Height: 30px;
}

.nav-menu {
  Display: flex;
  Gap: 20px;
}

.navigation-link {
  Text-decoration: none;
```

```
Color: #fff;
Font-weight: 400;
Transition: color 0.3s ease;
}

.navigation-link:hover {
  Color: #f50057;
}

.dropdown-2 {
  Position: relative;
}

.dropdown-toggle-2 {
  Cursor: pointer;
  Color: #fff;
}

.dropdown-toggle-2:hover {
  Color: #f50057;
}

.navigation-right {
  Display: flex;
  Align-items: center;
  Gap: 20px;
}

.login-buttons {
  Display: flex;
  Align-items: center;
  Gap: 10px;
}

.button-menu {
  Background-color: #f50057;
  Color: #fff;
  Border: none;
  Padding: 5px 15px;
  Border-radius: 5px;
  Cursor: pointer;
  Font-weight: bold;
  Text-decoration: none;
  Transition: background-color 0.3s ease;
}

.button-menu:hover {
  Background-color: #c4004a;
```

```
}

.v-divider {
  Width: 1px;
  Height: 20px;
  Background-color: #000;
}

.div-block-29 {
  Display: flex;
  Align-items: center;
  Gap: 10px;
  Background-color: #fff;
}

.div-block-30 {
  Background-color: #fff;
  Padding: 2px;
  Border-radius: 3px;
}

.toggle_wrapper {
  Display: flex;
  Justify-content: center;
  Align-items: center;
  Width: 30px;
  Height: 15px;
  Background-color: #000;
  Border-radius: 15px;
  Position: relative;
  Cursor: pointer;
}

.toggle_dot {
  Width: 12px;
  Height: 12px;
  Background-color: #fff;
  Border-radius: 50%;
  Position: absolute;
  Left: 3px;
  Transition: left 0.3s ease;
}

.toggle_wrapper.active .toggle_dot {
  Left: 15px;
}

.navigation-mob {
```

```
Display: none;  
}
```

```
@media (max-width: 768px) {  
  .navigation {  
    Flex-direction: column;  
    Padding: 10px;  
  }
```

```
  .navigation-container {  
    Flex-direction: column;  
    Align-items: flex-start;  
    Gap: 10px;  
  }
```

```
  .navigation-left {  
    Width: 100%;  
    Display: flex;  
    Justify-content: space-between;  
    Align-items: center;  
  }
```

```
  .global-logo {  
    Height: 25px;  
  }
```

```
  .nav-menu {  
    Display: none;  
    Flex-direction: column;  
    Gap: 15px;  
    Width: 100%;  
    Background-color: #000;  
    Padding: 10px 0;  
  }
```

```
  .nav-menu.active {  
    Display: flex;  
  }
```

```
  .navigation-link {  
    Padding: 10px 20px;  
  }  
  .button-menu {  
    Font-size: 0.9rem;  
    Padding: 5px 12px;  
  }  
}
```

```
.heading-style-h2 {
  Font-size: 3rem;
  Color: #fff;
  Margin-bottom: 20px;
}
.max-width-medium {
  Display: block;
  Width: 100px;
}

.grid-3x2,
.grid-3x3 {
  Display: grid;
  Grid-template-columns: repeat(3, 1fr);
  Gap: 30px;
}

.grid-3x3 {
  Grid-template-columns: repeat(3, 1fr);
}

.image-container-thin img {
  Position: relative;
  Border-radius: 10px;
  Height: 400px;
  Margin-top: 20px;
}

.image-container-thin .photo-credit {
  Margin-top: 20px;
}

.image-container-short,
.image-container-full {
  Position: relative;
  Overflow: hidden;
  Border-radius: 10px;
}

.image-container-full img {
  Width: 100%;
  Height: auto;
}

.image-container-short img {
  Width: 100%;
  Object-fit: cover;
}

.paragraph-3 {
```

```
Font-weight: bold;
Color: #fff;
}
```

```
.paragraph-4 {
  Color: #fff;
}
```

```
.wrapper_pro-icon {
  Margin-left: auto;
  Background-color: #ff4f77;
  Padding: 5px 10px;
  Border-radius: 5px;
  Font-weight: bold;
  Color: #fff;
  Height: fit-content;
}
```

```
.wrapper_pro-icon .text_pro-icon {
  Font-size: 1rem;
}
.text_pro-icon {
  Background-color: #ff4f77;
}
```

```
.section_pro {
  Background-color: #000;
}
```

```
.section_pro .button.is-pro {
  Background-color: #ff4f77;
  Text-decoration: none;
  Color: #fff;
  Padding: 10px 30px;
  Font-size: 1.2rem;
  Text-transform: uppercase;
  Border-radius: 25px;
  Font-weight: bold;
  Border: none;
  Cursor: pointer;
}
```

```
.footer_grid {
  Display: grid;
  Grid-template-columns: repeat(4, 1fr);
  Gap: 30px;
  Margin-bottom: 40px;
}
```

```
}

.footer_grid_2 {
  Grid-template-columns: repeat(5, 1fr);
  Align-items: center;
  Justify-content: center;
}

.global-logo {
  Max-width: 200px;
  Margin-bottom: 20px;
  Grid-column: span 1;
}

.footer-header-text {
  Font-size: 1.2rem;
  Font-weight: bold;
  Margin-bottom: 15px;
}

.footer-link {
  Color: #fff;
  Font-size: 1rem;
  Margin-bottom: 10px;
  Text-decoration: none;
  Transition: color 0.3s ease;
  Display: block;
}

.footer-link:hover {
  Color: #ff4f77;
}

.footer-text {
  Font-size: 1rem;
  Margin-top: 15px;
}

.text-span-9 {
  Font-weight: bold;
  Color: #ff4f77;
}

.icon-wrapper {
  Display: flex;
  Gap: 40px;
  Margin-top: 20px;
```



```
}

.icon-height-medium,
.icon-height-large,
.icon-height-xlarge {
  Height: auto;
  Max-height: 30px;
}

.icon-height-xlarge {
  Max-height: 40px;
}

.divider {
  Border-top: 1px solid #444;
  Margin: 30px 0;
}

.footer-text.text-color-muted {
  Color: #fff;
  Font-size: 0.9rem;
  Text-align: center;
  Margin-top: 20px;
}

.flex-vertical-top {
  Display: flex;
  Flex-direction: column;
  Gap: 10px;
}

.footer-link:last-child {
  Margin-bottom: 0;
}

@media (max-width: 768px) {
  .footer_grid {
    Grid-template-columns: 1fr 1fr;
    Text-align: center;
  }

  .footer_grid_2 {
    Grid-template-columns: repeat(2, 1fr);
  }

  .icon-wrapper {
```

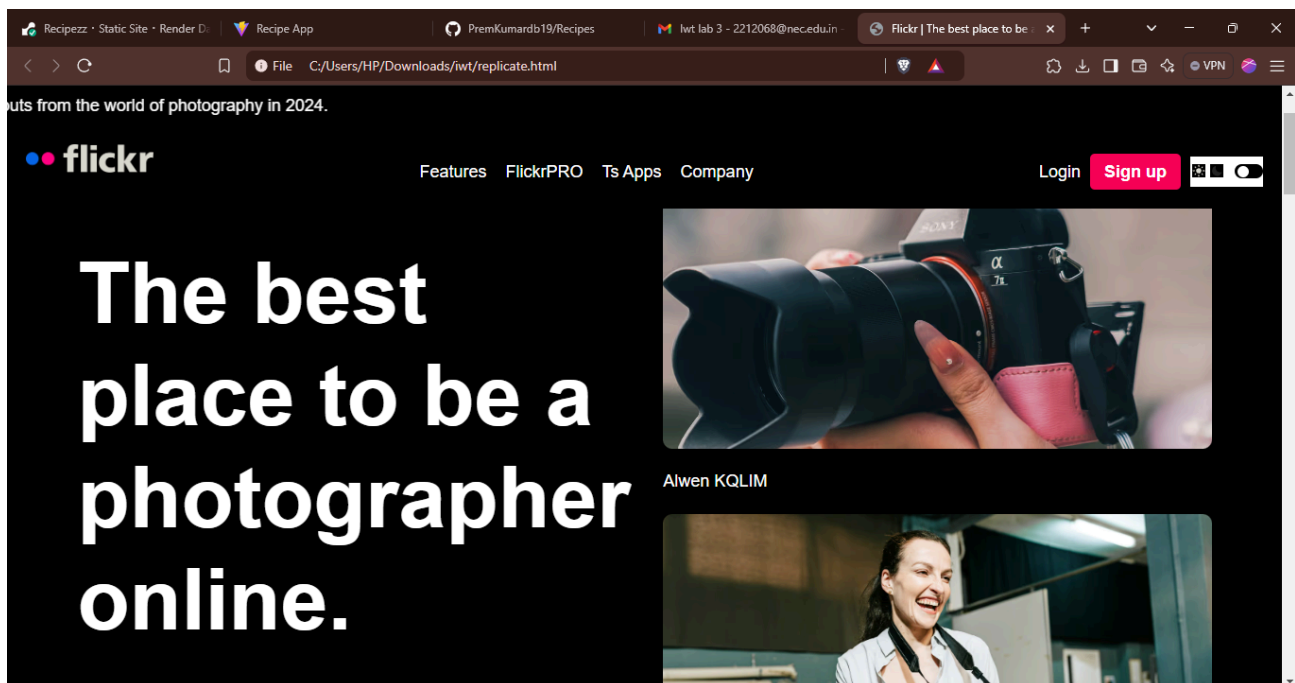
```
Justify-content: center;
}

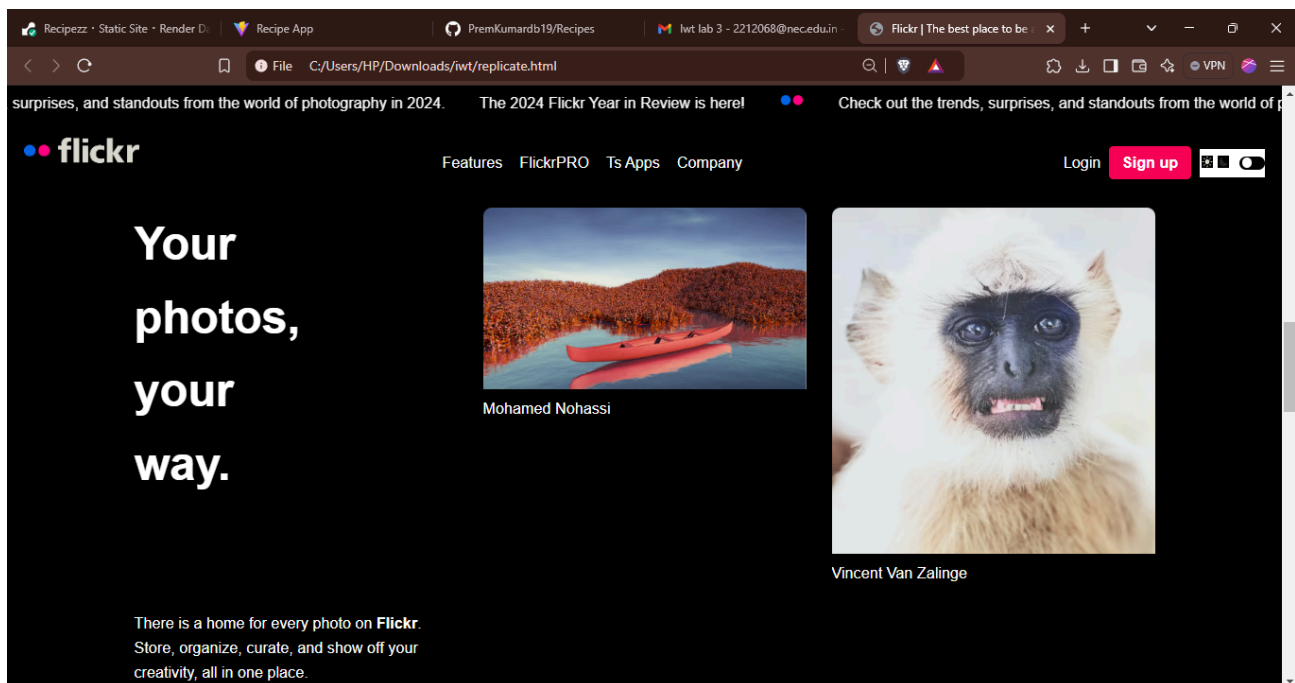
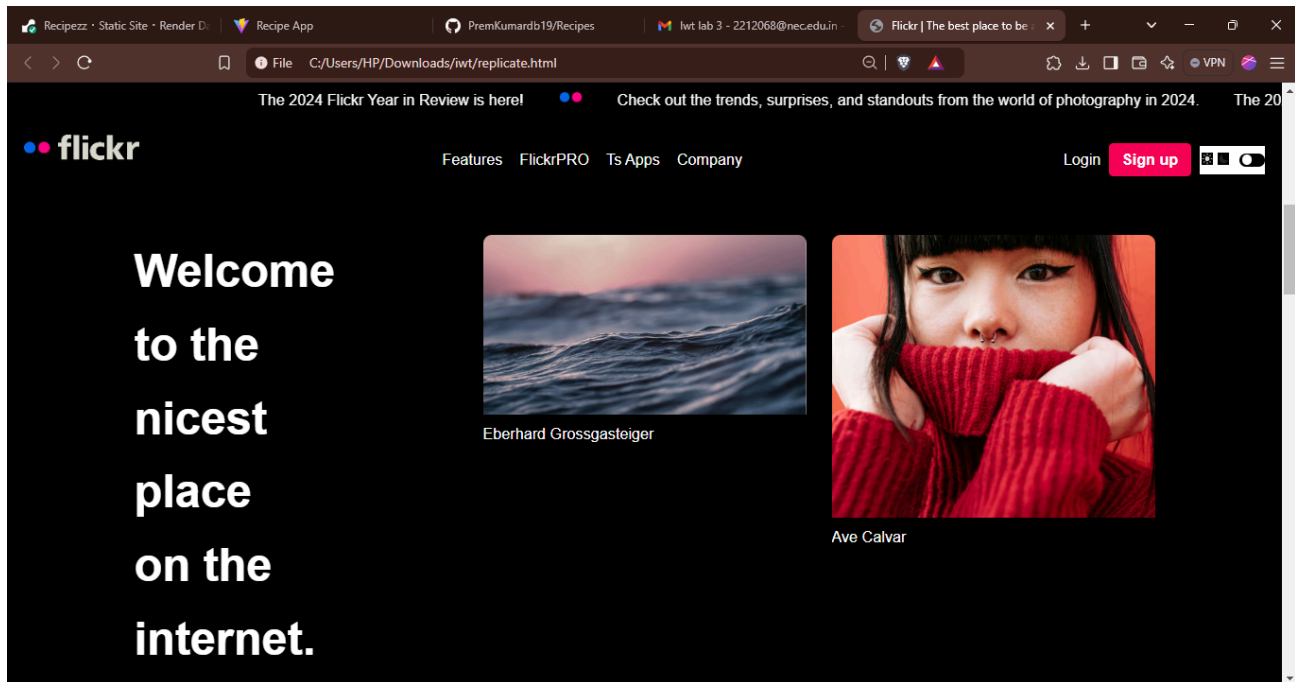
.footer-text {
  Text-align: center;
  Font-size: 0.9rem;
}

.footer-header-text {
  Text-align: center;
}

.footer-link {
  Text-align: center;
}
}
```

Output:






Recipezz · Static Site · Render D: · Recipe App · PremKumardb19/Recipes · lwt lab 3 - 2212068@nec.edu.in · Flickr | The best place to be

File C:/Users/HP/Downloads/iwt/replicate.html


2024 Flickr Year in Review is here! Check out the trends, surprises, and standouts from the world of photography in 2024.

**flickr** Features FlickrPRO Ts Apps Company Login **Sign up**

# Inspiration Overload



Alyssa Smith



Luke Jones

Not-so-humble-brag: Flickr is the largest collection of Creative Commons-licensed imagery on earth. Come get inspired and join the fun.

[Where Inspiration clicks >](#)


Recipezz · Static Site · Render D: · Recipe App · PremKumardb19/Recipes · lwt lab 3 - 2212068@nec.edu.in · Flickr | The best place to be

File C:/Users/HP/Downloads/iwt/replicate.html


surprises, and standouts from the world of photography in 2024.

**flickr** Features FlickrPRO Ts Apps Company Login **Sign up**

# Want more? Go pro

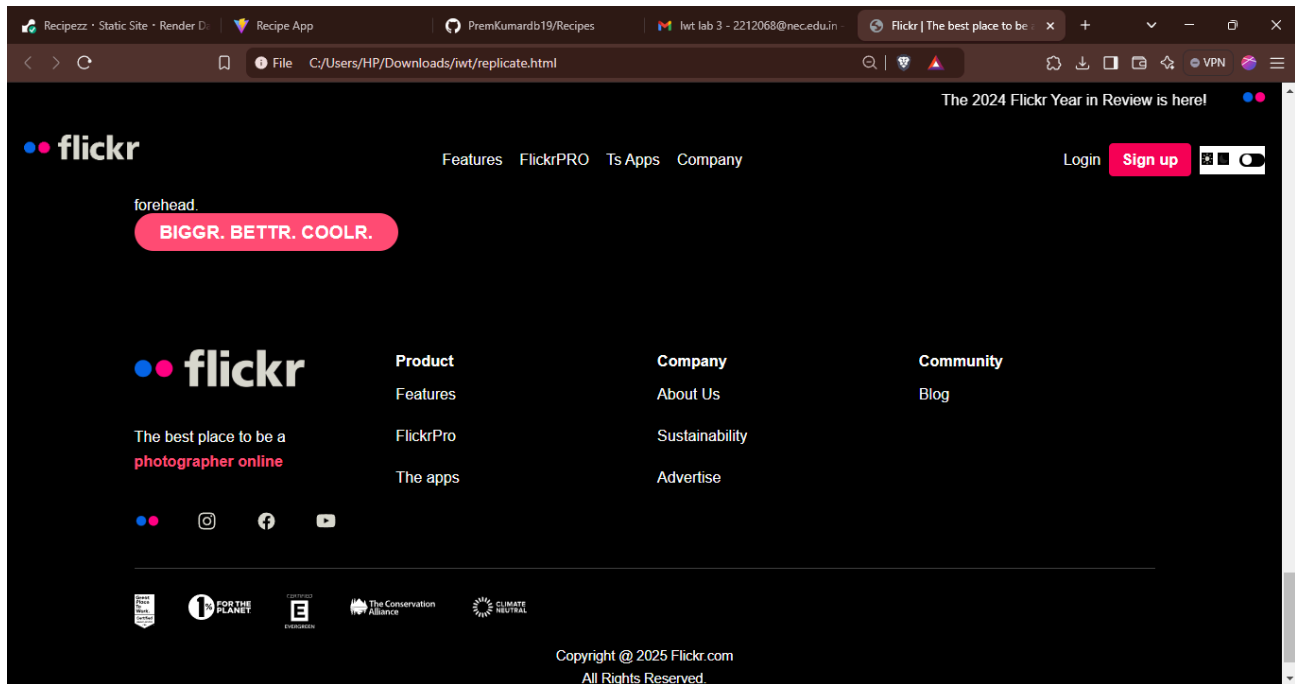


Lexscope



Jack Atkinson

The best way to experience all this and more is with Flickr Pro.



Problem Understanding (5)	Implementation & Output (5)	Time Management (5)	Viva (5)	Total (20)

### Result:

Thus the webpage replication for **Flickr.com** website using HTML and CSS was successful and the outputs were verified.