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I confirm that I understand my coursework needs to be submitted online via Google Classroom under the relevant module page before the deadline in order for my assignment to be accepted and marked. I am fully aware that late submissions will be treated as non-submission and a mark of zero will be awarded.

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1. . Introduction

This report details the design and development of an e-commerce website for a store specializing in camera equipment. The website aims to showcase various camera products, provide valuable content related to technology's impact on daily life and business, and offer insights into

the components used in its creation. Additionally, the report discusses the team members' portfolios and the use of form functionality.

2. Project Goals and Objectives

The primary objectives of this project include:

- 1. Demonstrating an understanding of basic Internet technologies and their daily-life impacts.
- 2. Exhibiting competency in designing a website using appropriate tools and technologies.
- 3. Applying scripting languages to enhance web page functionality.
- 4. Implementing effective website structure and navigation principles.
- 5. Ensuring usability and accessibility in website design.

3. Website Design and Development

a) Home page

The home page serves as the main landing page and includes a brief description of the website's content and purpose. It provides an introduction to the various sections of the website, allowing users to navigate easily.

• <html>: The root element of an HTML page.

- <head>: Contains information about the document, such as the title and style sheets
- <meta>: Provides metadata about the document, such as the character encoding and viewport
- <title>: Provides the title of the document, which is displayed in the browser's title bar or tab
- Refers to an external style sheet.
- <body>: Contains the content of the document.
- <section>: Represents a standalone section, such as a header or a feature area.
- <nav>: Represents a section of a page that contains navigation links.
- <a>: Represents a hyperlink to another web page or to a specific location on the same page
- : Embeds an image in the document.
- <input>: Represents a form control for entering text.
- <button>: Represents a clickable button.
- Represents an unordered list.
- : Represents a list item.
- <h1> to <h6>: Represents headings of different levels.
- <style>: Contains styling information for the document.
- <script>: Contains JavaScript code to be executed in the browser
- <footer>: This tag is used to define the footer of a webpage.

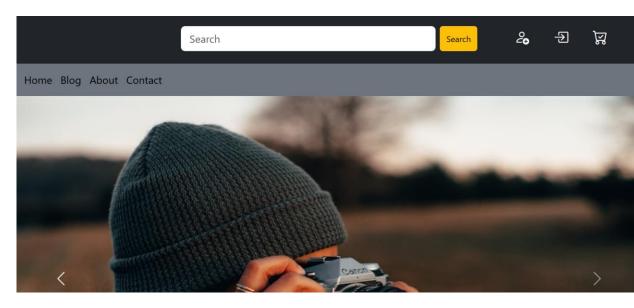


FIGURE 1 HOME PAGE

b) Blog page

The blog page demonstrates the impact of the technology on daily and business. It includes articles and posts discussing relevant topics, providing valuable insights to visitors.

Tags Used

- <html>: The root element of an HTML page.
- <head>: Contains information about the document, such as the title and style sheet
- <meta>: Provides metadata about the document, such as the character encoding and viewport.
- <title>: Provides the title of the document, which is displayed in the browser's title bar or tab.
- Refers to an external style sheet.
- <body>: Contains the content of the document.
- <section>: Represents a standalone section, such as a header or a feature area.
- <nav>: Represents a section of a page that contains navigation links

- <a>: Represents a hyperlink to another web page or to a specific location on the same page
- : Embeds an image in the document.
- <h2>, and <h6>: Represents headings levels.
- <style>: Contains styling information for the document.
- <script>: Contains JavaScript code to be executed in the browser
- <footer>: This tag is used to define the footer of a webpage.

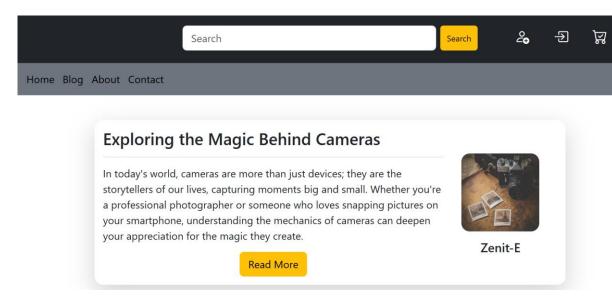


FIGURE 2 BLOG PAGE

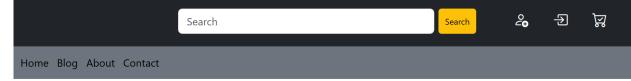
c) About page

The "About" section provides detailed portfolios of each team member, encompassing technical and soft skills, educational backgrounds, volunteering experiences, certifications, and more. This section aims to establish trust and credibility with our audience.

Tags Used

- <head>: Contains information about the document, such as the title and style
- sheets.
- <meta>: Provides metadata about the document, such as the character encoding

- and viewport.
- <title>: Provides the title of the document, which is displayed in the browser's title
- bar or tab.
- Refers to an external style sheet.
- <body>: Contains the content of the document.
- <section>: Represents a standalone section, such as a header or a feature area.
- <nav>: Represents a section of a page that contains navigation links.
- <a>: Represents a hyperlink to another web page or to a specific location on the
- same page.
- : Embeds an image in the document.
- <marquee>: This tag is used to create a scrolling text.
- <video>: This tag is used to embed a video in the web page.
-
tr>: This tag is used to insert a line break
- <style>: Contains styling information for the document.
- <script>: Contains JavaScript code to be executed in the browser
- <footer>: This tag is used to define the footer of a webpage



Discover the World of Cameras: Your Gateway to Visual Excellence

Welcome to our camera enthusiast's corner, where we dive deep into the captivating world of photography and the incredible devices that bring your visual dreams to life. Cameras are not just tools; they are gateways to capturing moments, emotions, and the beauty of the world around us. In this post, we'll take you on a journey through the essence of what makes cameras so

Activate Windows
Go to Settings to activate Windows.

FIGURE 3 ABOUT PAGE

d) Contact page

The Contact Us page is a vital component of our e-commerce website. This page serves as a direct communication link between our business and our customers, providing a convenient and user-friendly way for visitors to get in touch with us.

Tags Used

- <a href="https://www.ncbe.nih.gov
- <head>: Contains information about the document, such as the title and style sheets
- <meta>: Provides metadata about the document, such as the character encoding and viewport
- <title>: Provides the title of the document, which is displayed in the browser's title bar or tab
- Refers to an external style sheet.
- <body>: Contains the content of the document.
- <section>: Represents a standalone section, such as a header or a feature area.
- <nav>: Represents a section of a page that contains navigation links.
- <a>: Represents a hyperlink to another web page or to a specific location on the same page
- : Embeds an image in the document.

- <form>: It is used to create an HTML form that allows users to enter data that is then sent to a server for processing. It is used once in the "form-details" section
- <textarea>: It is used to create a multi-line input control for text. It is used once in the "form-details" section.
-
<! This tag is used to insert a line break
- <style>: Contains styling information for the document.
- <script>: Contains JavaScript code to be executed in the browser
- <footer>: This tag is used to define the footer of a webpage.

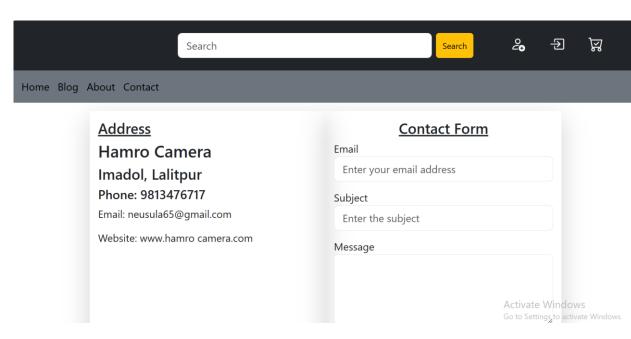


FIGURE 4 CONTACT PAGE

4. Technolgies used

To develop the website, we utilized the following technologies:

- 1. HTML5 for structuring the web pages
- 2. CSS3 for styling and layout
- 3. JavaScript for dynamic content and form validation Proper usage of HTML tags, including title, meta, img, table, div, and form
- 4. Internal, inline, and external CSS for styling
- 5. JavaScript for dynamic content and form validation
- 6. Properly structured file storage with appropriate naming conventions

5. Refrence

- Code with harry=youtube
- Gupta, D., 2022. Geeks for Geeks. [Online] Available at: https://www.geeksforgeeks.org/css-introduction/ [Accessed 25 January 2023].
- Sublime Text, 2022. Sublime Text. [Online]Available at: https://www.sublimetext.com/[Accessed 25 January 2023].

6. Conclusion

In conclusion, this project successfully achieved its goals of assessing students' understanding and competence in web technologies, design, scripting, structure, and usability considerations. The ecommerce website for the camera equipment store demonstrates a well-structured, functional, and user-friendly platform, showcasing the skills and knowledge gained during the coursework.

This project not only serves as a practical application of web development skills but also highlights the importance of user-centered design, accessibility, and rigorous testing in creating a successful e-commerce platform. It stands as a testament to the capabilities of the students in meeting the project's objectives.

7. Appendix

Home Page

```
j<!doctype html>
<html lang="en">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title></title>
    <!-- bootstrap css cdn link -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-</pre>
alpha3/dist/css/bootstrap.min.css" rel="stylesheet"
        integrity="sha384-
KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJOZ"
crossorigin="anonymous">
    <!-- bootstrap icon cdn link -->
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-</pre>
icons@1.10.5/font/bootstrap-icons.css">
    <style>
        .custom-hover:hover {
            font-weight: bold;
            color: white;
            background-color: rgb(148, 194, 178);
        i:hover {
            cursor: pointer;
            color: aqua;
    </style>
</head>
<body>
    <!-- start of navbar -->
```

```
<div class="row bg-dark p-4">
       <div class="col-md-3 text-center">
           <a class="navbar-brand text-white fs-3" href="index.html"></a>
       </div>
       <div class="col-md-6">
           <form class="d-flex" role="search">
               <input class="form-control form-control-lg me-2" type="search"</pre>
placeholder="Search" aria-label="Search">
               <button class="btn btn-warning" type="submit">Search</button>
           </form>
       </div>
       <div class="col-md-3 d-flex justify-content-evenly">
           <a href="Register.html">
               <i class="bi bi-person-add text-white fs-3 custom-icon"></i></i>
           </a>
           <a href="Signin.html">
               <i class="bi bi-box-arrow-in-right text-white fs-3 custom-icon"></i></i>
           <a href="Cart.html">
               <i class="bi bi-cart-check text-white fs-3 custom-icon"></i></i>
           </a>
       </div>
   </div>
   <nav class="navbar navbar-expand-lg bg-secondary">
       <div class="container-fluid">
           <button class="navbar-toggler" type="button" data-bs-toggle="collapse"</pre>
               data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false"
               aria-label="Toggle navigation">
               <span class="navbar-toggler-icon"></span>
           </button>
           <div class="collapse navbar-collapse" id="navbarSupportedContent">
               evenly fs-5">
                   <a class="nav-link active custom-hover" aria-current="page"</pre>
href="index.html">Home</a>
                   <a class="nav-link active custom-hover" aria-current="page"</pre>
href="Blog.html">Blog</a>
                   <a class="nav-link active custom-hover" aria-current="page"</pre>
href="About.html">About</a>
```

```
<a class="nav-link active custom-hover" aria-current="page"</pre>
href="Contact.html">Contact</a>
             </div>
      </div>
   </nav>
   <!-- end of navbar -->
   <!-- start of main content -->
   <section class="py-5 text-center container">
      <div class="row py-lg-5">
          <div class="col-lg-6 col-md-8 mx-auto">
             <h1 class="fw-light">Discover the World of Cameras: Your Gateway to
Visual Excellence</h1>
             Welcome to our camera
enthusiast's corner, where we dive deep into the captivating world of photography
and the incredible devices that bring your visual dreams to life. Cameras are not
just tools; they are gateways to capturing moments, emotions, and the beauty of the
world around us. In this post, we'll take you on a journey through the essence of
what makes cameras so fascinating
          </div>
      </div>
   </section>
   <!-- end of main content -->
   <!-- start of footer -->
   <div class="container-fluid">
      <footer class="py-3 my-4">
          <a href="index.html" class="nav-link px-2 text-</pre>
body-secondary">Home</a>
             <a href="Blog.html" class="nav-link px-2 text-</pre>
body-secondary">Blog</a>
             <a href="About.html" class="nav-link px-2 text-</pre>
body-secondary">About</a>
             <a href="Contact.html" class="nav-link px-2"</pre>
text-body-secondary">Contact</a>
          © 2023 Company, Inc
   </div>
   <!-- end of footer -->
   <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-</pre>
alpha3/dist/js/bootstrap.bundle.min.js"
```

Blog

```
<!doctype html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title></title>
    <!-- bootstrap css cdn link -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-</pre>
alpha3/dist/css/bootstrap.min.css" rel="stylesheet"
        integrity="sha384-
KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJOZ"
crossorigin="anonymous">
    <!-- bootstrap icon cdn link -->
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-</pre>
icons@1.10.5/font/bootstrap-icons.css">
   <style>
        .custom-hover:hover {
            font-weight: bold;
            color: white;
            background-color: rgb(148, 194, 178);
        i:hover {
            cursor: pointer;
            color: aqua;
    </style>
</head>
<body>
    <!-- start of navbar -->
    <div class="row bg-dark p-4">
        <div class="col-md-3 text-center">
            <a class="navbar-brand text-white fs-3 " href="index.html"></a>
        </div>
```

```
<div class="col-md-6">
           <form class="d-flex" role="search">
               <input class="form-control form-control-lg me-2" type="search"</pre>
placeholder="Search" aria-label="Search">
               <button class="btn btn-warning" type="submit">Search</button>
           </form>
       </div>
       <div class="col-md-3 d-flex justify-content-evenly">
           <a href="Register.html">
               <i class="bi bi-person-add text-white fs-3 custom-icon"></i></i>
           </a>
           <a href="Signin.html">
               <i class="bi bi-box-arrow-in-right text-white fs-3 custom-icon"></i></i>
           <a href="Cart.html">
               <i class="bi bi-cart-check text-white fs-3 custom-icon"></i></i>
           </a>
       </div>
    </div>
    <nav class="navbar navbar-expand-lg bg-secondary">
       <div class="container-fluid">
           <button class="navbar-toggler" type="button" data-bs-toggle="collapse"</pre>
               data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false"
               aria-label="Toggle navigation">
               <span class="navbar-toggler-icon"></span>
           <div class="collapse navbar-collapse" id="navbarSupportedContent">
               evenly fs-5">
                  <a class="nav-link active custom-hover" aria-current="page"</pre>
href="index.html">Home</a>
                  <a class="nav-link active custom-hover" aria-current="page"</pre>
href="Blog.html">Blog</a>
                  <a class="nav-link active custom-hover" aria-current="page"</pre>
href="About.html">About</a>
                  <a class="nav-link active custom-hover" aria-current="page"</pre>
href="Contact.html">Contact</a>
```

```
</div>
        </div>
    </nav>
    <!-- end of navbar -->
    <!-- start of main content -->
    <!-- <div class="w-75 shadow-lg p-2 mx-auto"> -->
    <div class="blog w-75 mx-auto d-flex my-5 shadow-lg p-3 rounded-4">
        <div class="blog-content w-75">
            <div class="blog-title">
                <h2>Exploring the Magic Behind Cameras</h2>
                <hr>>
            </div>
            <div class="blog-text fs-5">
                In today's world, cameras are more than just devices; they are
the storytellers of our lives, capturing moments big and small. Whether you're a
professional photographer or someone who loves snapping pictures on your smartphone,
understanding the mechanics of cameras can deepen your appreciation for the magic
they create.
            </div>
            <div class="text-center">
                <button class="btn btn-warning btn-lg">Read More</button>
            </div>
        </div>
        <div class="blogger w-25 text-center mt-5">
            <div class="blogger-img">
                <img src="https://cdn.pixabay.com/photo/2016/01/09/18/27/camera-</pre>
1130731 1280.jpg" class="rounded-4"
                    alt="" width="150px" height="150px" title="Mrs. Blogger Image"
style="cursor: pointer;">
            </div>
            <div class="blogger-info mt-3">
                <h4>Zenit-E</h4>
            </div>
        </div>
    </div>
    <div class="blog w-75 mx-auto d-flex my-5 shadow-lg p-3 rounded-4">
        <div class="blog-content w-75">
            <div class="blog-title">
                <h2>The Lens: The Eye of the Camera
                </h2>
                <hr>
            </div>
            <div class="blog-text fs-5">
                Every camera's journey starts with the lens, which acts as the
camera's eye. Lenses come in various shapes and sizes, each with a distinct purpose.
Whether it's a wide-angle lens capturing breathtaking landscapes or a macro lens
```

```
revealing intricate details, your choice of lens determines what the camera sees.
It's like selecting the perfect brush for a painting - the lens sets the stage for
your visual story.
            </div>
            <div class="text-center">
                <button class="btn btn-warning btn-lg">Read More</button>
            </div>
        </div>
        <div class="blogger w-25 text-center mt-5">
            <div class="blogger-img">
                <img src="https://cdn.pixabay.com/photo/2014/12/27/15/31/camera-</pre>
581126 1280.jpg" class="rounded-4"
                    alt="" width="150px" height="150px" title="Mrs. Blogger Image"
style="cursor: pointer;">
            </div>
            <div class="blogger-info mt-3">
                <h4>DSLR 1000D</h4>
            </div>
        </div>
    </div>
    <div class="blog w-75 mx-auto d-flex my-5 shadow-lg p-3 rounded-4">
        <div class="blog-content w-75">
            <div class="blog-title">
                <h2>Shutter Speed: Freezing Time</h2>
                <hr>
            </div>
            <div class="blog-text fs-5">
                When you press the shutter button, something extraordinary
happens. The shutter speed dictates how long the camera's sensor is exposed to
light. A fast shutter speed (measured in fractions of a second) can freeze a bird
mid-flight or capture the twinkle in someone's eye. On the flip side, a slow shutter
speed can create mesmerizing long-exposure shots of flowing water or the night sky's
stars.
            </div>
            <div class="text-center">
                <button class="btn btn-warning btn-lg">Read More</button>
            </div>
        </div>
        <div class="blogger w-25 text-center mt-5">
            <div class="blogger-img">
                <img src="https://cdn.pixabay.com/photo/2017/09/04/16/58/passport-</pre>
2714675 1280.jpg" class="rounded-4"
                    alt="" width="150px" height="150px" title="Mrs. Blogger Image"
style="cursor: pointer;">
            <div class="blogger-info mt-3">
                <h4>Password map world</h4>
            </div>
```

```
</div>
  </div>
  <!-- </div> -->
  <!-- end of main content -->
  <!-- start of footer -->
  <div class="container-fluid">
     <footer class="py-3 my-4">
        <a href="index.html" class="nav-link px-2 text-</pre>
body-secondary">Home</a>
           <a href="Blog.html" class="nav-link px-2 text-</pre>
body-secondary">Blog</a>
           <a href="About.html" class="nav-link px-2 text-</pre>
body-secondary">About</a>
           <a href="Contact.html" class="nav-link px-2"</pre>
text-body-secondary">Contact</a>
        © 2023 Company, Inc
  </div>
  <!-- end of footer -->
</body>
</html>
```

Contact

```
<!-- bootstrap icon cdn link -->
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-</pre>
icons@1.10.5/font/bootstrap-icons.css">
    <style>
        .custom-hover:hover {
            font-weight: bold;
            color: white;
            /* font-size: 15px; */
            background-color: rgb(148, 194, 178);
        i:hover {
            cursor: pointer;
            color: aqua;
    </style>
</head>
<body>
    <!-- start of navbar -->
    <div class="row bg-dark p-4">
        <div class="col-md-3 text-center">
            <a class="navbar-brand text-white fs-3 " href="index.html"></a>
        </div>
        <div class="col-md-6">
            <form class="d-flex" role="search">
                <input class="form-control form-control-lg me-2" type="search"</pre>
placeholder="Search" aria-label="Search">
                <button class="btn btn-warning" type="submit">Search</button>
            </form>
        </div>
        <div class="col-md-3 d-flex justify-content-evenly">
            <a href="Register.html">
                <i class="bi bi-person-add text-white fs-3 custom-icon"></i></i>
            </a>
            <a href="Signin.html">
                <i class="bi bi-box-arrow-in-right text-white fs-3 custom-icon"></i></i>
            </a>
            <a href="Cart.html">
                <i class="bi bi-cart-check text-white fs-3 custom-icon"></i></i>
            </a>
        </div>
    </div>
    <nav class="navbar navbar-expand-lg bg-secondary">
        <div class="container-fluid">
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse"</pre>
```

```
data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false"
              aria-label="Toggle navigation">
              <span class="navbar-toggler-icon"></span>
           <div class="collapse navbar-collapse" id="navbarSupportedContent">
              evenly fs-5">
                  class="nav-item">
                      <a class="nav-link active custom-hover" aria-current="page"</pre>
href="index.html">Home</a>
                  <a class="nav-link active custom-hover" aria-current="page"</pre>
href="Blog.html">Blog</a>
                  <a class="nav-link active custom-hover" aria-current="page"</pre>
href="About.html">About</a>
                  class="nav-item">
                      <a class="nav-link active custom-hover" aria-current="page"</pre>
href="Contact.html">Contact</a>
                  </div>
       </div>
   </nav>
   <!-- end of navbar -->
   <!-- start of main content -->
   <div class="w-75 mx-auto">
       <div class="d-flex w-100">
           <div class="address w-50 mt-3 shadow-lg p-3">
              <h3 class="text-decoration-underline">Address</h3>
              <h4 class="fs-2">Hamro Camera</h4>
              <h5 class="fs-3">Imadol, Lalitpur</h5>
              <h6 class="fs-4">Phone: 9813476717</h6>
              Email: neusula65@gmail.com
              Website: www.hamro camera.com
          </div>
           <div class="contact-form mt-3 shadow-lg p-3 w-50">
              <h3 class="text-decoration-underline text-center">Contact Form</h3>
              <label for="email" class="fs-5">Email</label>
              <input type="email" class="form-control mb-3 form-control-lg"</pre>
id="email"
                  placeholder="Enter your email address">
```

```
<label for="subject" class="fs-5">Subject</label>
              <input type="subject" class="form-control mb-3 form-control-lg"</pre>
id="subject"
                 placeholder="Enter the subject">
              <label for="msg" class="fs-5">Message</label>
              <textarea name="" id="msg" class="form-control" cols="30"</pre>
rows="5"></textarea>
              <div class="text-center mt-3">
                 <button class="btn btn-warning btn-lg">Submit</button>
              </div>
          </div>
      </div>
   <!-- end of main content -->
   <!-- start of footer -->
   <div class="container-fluid">
       <footer class="py-3 my-4">
          <a href="index.html" class="nav-link px-2 text-</pre>
body-secondary">Home</a>
              <a href="Blog.html" class="nav-link px-2 text-</pre>
body-secondary">Blog</a>
              <a href="About.html" class="nav-link px-2 text-</pre>
body-secondary">About</a>
              <a href="Contact.html" class="nav-link px-2</pre>
text-body-secondary">Contact</a>
          © 2023 Company, Inc
      </footer>
   </div>
   <!-- end of footer -->
   <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-</pre>
alpha3/dist/js/bootstrap.bundle.min.js"
      integrity="sha384-
ENjdO4Dr2bkBIFxOpeoTz1HIcje39Wm4jDKdf19U8gI4ddQ3GYNS7NTKfAdVQSZe"
       crossorigin="anonymous"></script>
</body>
</html>
```