NAME:	Shubham Golwal		
UID no.:	2021300015	CLASS:	T.E. COMPS - A
EXPERIMENT NO.	01		

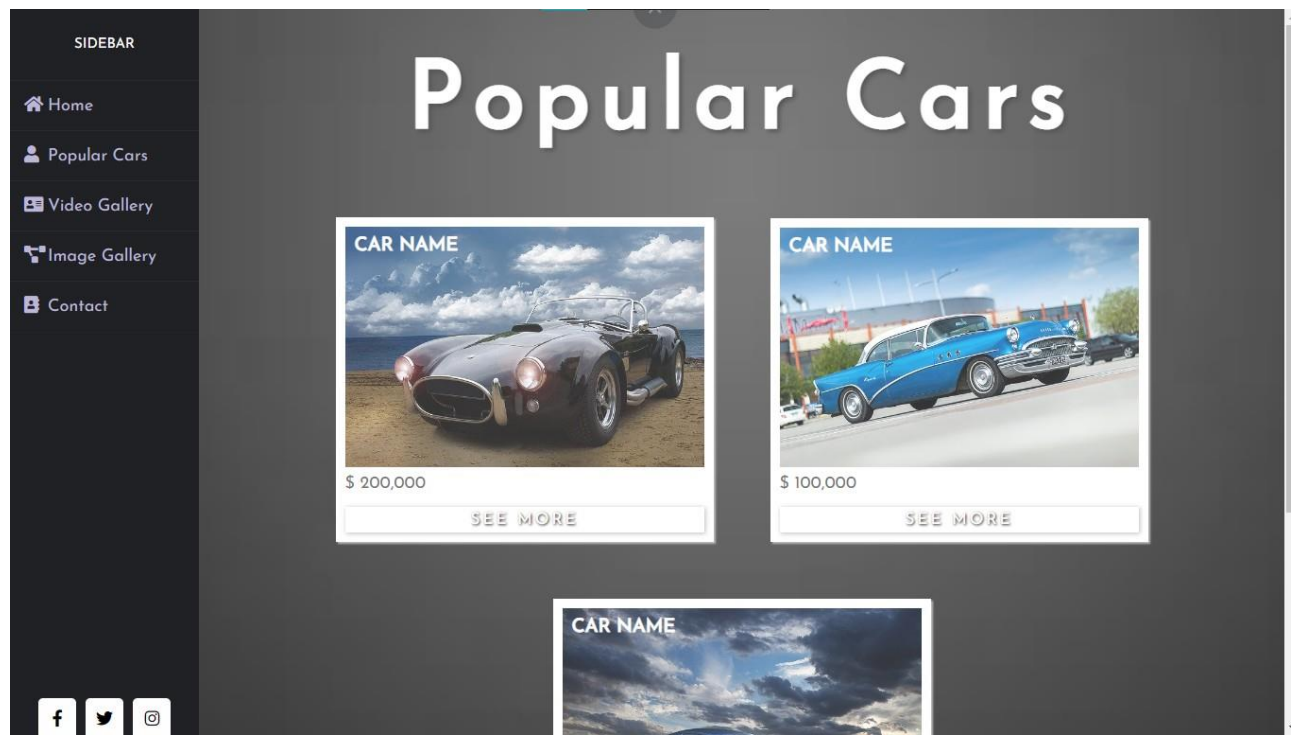| ASSIGNMENT 1	
AIM:	Design webpages using HTML, CSS, and JavaScript.
THEORY:	**HTML:** HTML (HyperText Markup Language) is the most basic building block of the Web. It defines the meaning and structure of web content. Other technologies besides HTML are generally used to describe a web page's appearance/presentation (CSS) or functionality/behavior (JavaScript). "Hypertext" refers to links that connect web pages to one another, either within a single website or between websites. Links are a fundamental aspect of the Web. By uploading content to the Internet and linking it to pages created by other people, you become an active participant in the World Wide Web. HTML uses "markup" to annotate text, images, and other content for display in a Web browser. HTML markup includes special "elements" such as <head>, <title>, <body>, <header>, <footer>, <article>, <section>, <p>, <div>, <span>, <i mg>, <aside>, <audio>, <canvas>, <datalist>, <details>, <embed>, <nav>, <output>, <progre ss>, <video>, <ul>, <ol>, <li> and many others. An HTML element is set off from other text in a document by "tags", which consist of the element name surrounded by "<" and ">". The name of an element inside a tag is case insensitive. That is, it can be written in uppercase, lowercase, or a mixture. For example, the <title> tag can be written as <Title>, <TITLE>, or in any other way. **CSS:** Cascading Style Sheets (CSS) is a stylesheet language used to describe the presentation of a document written in HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS describes how elements should be rendered on screen, on paper, in speech, or on other media. CSS is among the core languages of the open web and is standardized across Web browsers according to W3C specifications. Previously, the development of various parts of CSS specification was done synchronously, which allowed versioning of the latest recommendations. You might have

heard about CSS1, CSS2.1, CSS3. However, CSS4 has never become an official version.

From CSS3, the scope of the specification increased significantly and the progress on different CSS modules started to differ so much, that it became more effective to develop and release recommendations separately per module. Instead of versioning the CSS specification, W3C now periodically takes a snapshot of the latest stable state of the CSS specification.

JavaScript:

JavaScript (JS) is a lightweight, interpreted, or just-in-time compiled programming language with first-class functions. While it is most well-known as the scripting language for Web pages, many non-browser environments also use it, such as Node.js, Apache CouchDB and Adobe Acrobat. JavaScript is a prototype-based, multi-paradigm, singlethreaded, dynamic language, supporting object-oriented, imperative, and declarative (e.g. functional programming) styles. Read more about JavaScript.

This section is dedicated to the JavaScript language, not the parts specific to Web pages or other host environments. For information about API specifics to Web pages, please see Web APIs and DOM.

The standards for JavaScript are the ECMAScript Language Specification (ECMA-262) and the ECMAScript Internationalization API specification (ECMA-402). The JavaScript documentation throughout MDN is based on the latest draft versions of ECMA-262 and ECMA-402. And in cases where some proposals for new ECMAScript features have already been implemented in browsers, documentation and examples in MDN articles may use some of those new features.

Do not confuse JavaScript with the Java programming language. Both "Java" and "JavaScript" are trademarks or registered trademarks of Oracle in the U.S. and other countries. However, the two programming languages have very different syntax, semantics, and use.

Problem Statement:	Creating a website for an NGO using HTML, CSS, and JavaScript.
TECH STACK:	- HTML for **structuring** - CSS for **styling** - JavaScript for **functionality**
REQUIREMENTS:	VS Code (Text Editor), Browser

IMPLEMENTATION:

Created a classic Cars website with a sidebar on the left side, having multiple pages and functionalities and contact.
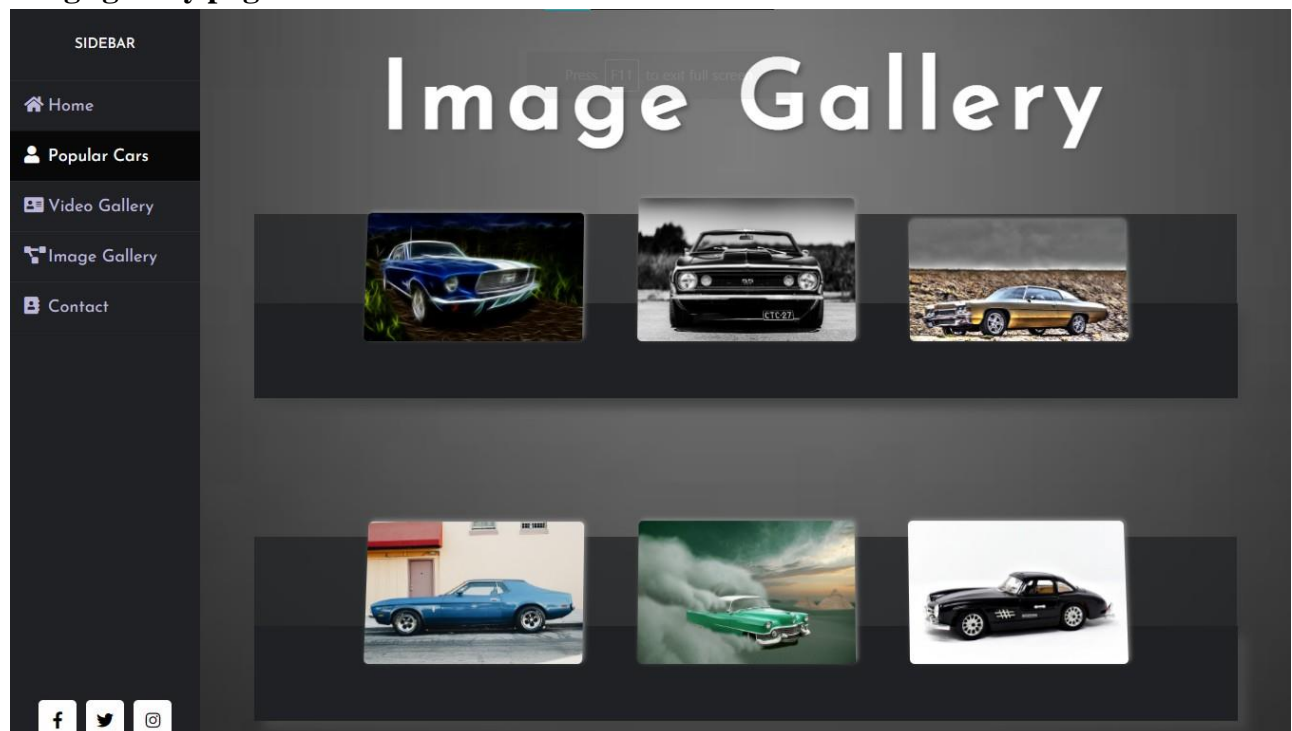
Homepage:

Popular cars page:

Video gallery page:

Image gallery page:

Contacts page:

IMPLEMENTATION:

Index.html

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

<head>
 <meta charset="UTF-8" />
 <meta name="viewport" content="width=device-width, initial-scale=1.0" />
 <title>Classic Cars</title>
 <link rel="stylesheet" href="style.css" />
 <link rel="stylesheet" href="navBar.css" />
 <link href="https://fonts.googleapis.com/css?family=Josefin+Sans&display=swap" rel="stylesheet" />
 <script src="script.js" defer></script>
 <script src="https://kit.fontawesome.com/b99e675b6e.js" defer></script>

</head>

<body>
 <!-- profile icon -->
 <div class="wrapper_nav">
  <div class="sidebar">
   <div class="profile">
    <img src="./images/avatar.svg" alt="">
    <div class="info">
     <div class="name">Shubham</div>
     <div class="sub_title">Let's Go Classic!</div>
    </div>
   </div>
   <ul>
    <li><a href="./index.html"><i class="fas fa-home"></i>Home</a></li>
```

```html
    <li><a href="./popularCars.html"><i class="fas fa-user"></i>Popular Cars</a></li>
    <li><a href="./videoGallery.html"><i class="fas fa-address-card"></i>Video Gallery</a></li>
    <li><a href="./img_Gallery.html"><i class="fas fa-project-diagram"></i>Image Gallery</a></li>
    <!-- <li><a href="#"><i class="fas fa-blog"></i>Blogs</a></li> -->
    <li><a href="./contact.html"><i class="fas fa-address-book"></i>Contact</a></li>
    <!-- <li><a href="#"><i class="fas fa-map-pin"></i>Map</a></li> -->
   </ul>
   <div class="social_media">
    <a href="#"><i class="fab fa-facebook-f"></i></a>
    <a href="#"><i class="fab fa-twitter"></i></a>
    <a href="#"><i class="fab fa-instagram"></i></a>
   </div>
  </div>
  <div class="main_content">

   <section id="home">
    <h1 class="section-heading section-1-heading">CLASSIC CARS</h1>
    <img src="images/car-section1.png" class="section-1-img" />
   </section>

  </div>
 </div>

</body>

</html>
```

popularCars.html

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

<head>
 <meta charset="UTF-8">
 <meta http-equiv="X-UA-Compatible" content="IE=edge">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <link rel="stylesheet" href="style.css">
 <link rel="stylesheet" href="navBar.css">
 <title>Popular Cars</title>
 <script src="https://kit.fontawesome.com/b99e675b6e.js" defer></script>
</head>

<body>
 <div class="wrapper_nav">
  <div class="sidebar">
   <h2>Sidebar</h2>
   <ul>
    <li><a href="./index.html"><i class="fas fa-home"></i>Home</a></li>
    <li><a href="./popularCars.html"><i class="fas fa-user"></i>Popular Cars</a></li>
    <li><a href="./videoGallery.html"><i class="fas fa-address-card"></i>Video Gallery</a></li>
    <li><a href="./img_Gallery.html"><i class="fas fa-project-diagram"></i>Image Gallery</a></li>
    <!-- <li><a href="#"><i class="fas fa-blog"></i>Blogs</a></li> -->
    <li><a href="./contact.html"><i class="fas fa-address-book"></i>Contact</a></li>
```

```html
    <!-- <li><a href="#"><i class="fas fa-map-pin"></i>Map</a></li> -->
  </ul>
  <div class="social_media">
   <a href="#"><i class="fab fa-facebook-f"></i></a>
   <a href="#"><i class="fab fa-twitter"></i></a>
   <a href="#"><i class="fab fa-instagram"></i></a>
  </div>
 </div>
 <div class="main_content">
  <div class="wrapper">
   <section class="section-2 target" id="popular-cars">
    <h1 class="section-heading">Popular Cars</h1>
    <div class="cards-wrapper center">
     <div class="card">
      <h2 class="car-name">Car Name</h2>
      <img src="images/car-1.jpg" class="card-img" />
      <h3 class="car-price">$ 200,000</h3>
      <button type="button" class="card-btn">See More</button>
     </div>
     <div class="card">
      <h2 class="car-name">Car Name</h2>
      <img src="images/car-2.jpg" class="card-img" />
      <h3 class="car-price">$ 100,000</h3>
      <button type="button" class="card-btn">See More</button>
     </div>
     <div class="card">
      <h2 class="car-name">Car Name</h2>
      <img src="images/car-3.jpg" class="card-img" />
      <h3 class="car-price">$ 150,000</h3>
      <button type="button" class="card-btn">See More</button>
     </div>
    </div>
   </section>
  </div>
 </div>
</div>

<script src="script.js"></script>
</body>

</html>
```

img_Gallery.html

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

<head>
 <meta charset="UTF-8">
 <meta http-equiv="X-UA-Compatible" content="IE=edge">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <link rel="stylesheet" href="style.css">
 <link rel="stylesheet" href="navBar.css">
```

```html
<script src="https://kit.fontawesome.com/b99e675b6e.js" defer></script>

<title>Image Gallery</title>
</head>

<body>

<div class="wrapper_nav">
  <div class="sidebar">
    <h2>Sidebar</h2>
    <ul>
      <li><a href="./index.html"><i class="fas fa-home"></i>Home</a></li>
      <li><a href="./popularCars.html"><i class="fas fa-user"></i>Popular Cars</a></li>
      <li><a href="./videoGallery.html"><i class="fas fa-address-card"></i>Video Gallery</a></li>
      <li><a href="./img_Gallery.html"><i class="fas fa-project-diagram"></i>Image Gallery</a></li>
      <!-- <li><a href="#"><i class="fas fa-blog"></i>Blogs</a></li> -->
      <li><a href="./contact.html"><i class="fas fa-address-book"></i>Contact</a></li>
      <!-- <li><a href="#"><i class="fas fa-map-pin"></i>Map</a></li> -->
    </ul>
    <div class="social_media">
      <a href="#"><i class="fab fa-facebook-f"></i></a>
      <a href="#"><i class="fab fa-twitter"></i></a>
      <a href="#"><i class="fab fa-instagram"></i></a>
    </div>
  </div>
  <div class="main_content">
    <div class="wrapper">
      <section class="section-4 target" id="image-gallery">
        <h1 class="section-heading">Image Gallery</h1>
        <div class="gallery center">
          <div class="gallery-shelf"></div>
          <img src="images/gallery-car-1.jpg" class="gallery-img-1" />
          <img src="images/gallery-car-2.jpg" class="gallery-img-2" />
          <img src="images/gallery-car-3.jpg" class="gallery-img-3" />
        </div>
        <div class="gallery center">
          <div class="gallery-shelf"></div>
          <img src="images/gallery-car-4.jpg" class="gallery-img-1" />
          <img src="images/gallery-car-5.jpg" class="gallery-img-2" />
          <img src="images/gallery-car-6.jpg" class="gallery-img-3" />
        </div>
      </section>
    </div>
  </div>
</div>

<script src="script.js" defer></script>

</body>

</html>
```

videoGallery.html

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

<head>
 <meta charset="UTF-8">
 <meta http-equiv="X-UA-Compatible" content="IE=edge">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <link rel="stylesheet" href="style.css">
 <link rel="stylesheet" href="navBar.css">
 <title>Video Gallery</title>
 <script src="script.js" defer></script>
 <script src="https://kit.fontawesome.com/b99e675b6e.js" defer></script>
</head>

<body>
 <div class="wrapper_nav">
  <div class="sidebar">
   <h2>Sidebar</h2>
   <ul>
    <li><a href="./index.html"><i class="fas fa-home"></i>Home</a></li>
    <li><a href="./popularCars.html"><i class="fas fa-user"></i>Popular Cars</a></li>
    <li><a href="./videoGallery.html"><i class="fas fa-address-card"></i>Video Gallery</a></li>
    <li><a href="./img_Gallery.html"><i class="fas fa-project-diagram"></i>Image Gallery</a></li>
    <!-- <li><a href="#"><i class="fas fa-blog"></i>Blogs</a></li> -->
    <li><a href="./contact.html"><i class="fas fa-address-book"></i>Contact</a></li>
    <!-- <li><a href="#"><i class="fas fa-map-pin"></i>Map</a></li> -->
   </ul>
   <!-- <div class="social_media">
    <a href="#"><i class="fab fa-facebook-f"></i></a>
    <a href="#"><i class="fab fa-twitter"></i></a>
    <a href="#"><i class="fab fa-instagram"></i></a>
   </div> -->

  </div>
  <div class="main_content">
   <div class="wrapper">
    <section class="section-3 target" id="video-gallery">
     <h1 class="section-heading">Video Gallery</h1>
     <div class="videos-wrapper center">
      <video src="images/car-video-1.mp4" muted autoplay loop class="video"></video>
      <video src="images/car-video-2.mp4" muted autoplay loop class="video"></video>
      <video src="images/car-video-3.mp4" muted autoplay loop class="video"></video>
     </div>
     <div class="videos-wrapper center">
      <video src="images/car-video-4.mp4" muted autoplay loop class="video"></video>
      <video src="images/car-video-5.mp4" muted autoplay loop class="video"></video>
      <video src="images/car-video-6.mp4" muted autoplay loop class="video"></video>
     </div>
    </section>
   </div>
  </div>
```

```html
    </div>

</body>

</html>
```

contact.html

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

<head>
 <meta charset="UTF-8">
 <meta http-equiv="X-UA-Compatible" content="IE=edge">
 <meta name="viewport" content="width=device-width, initial-scale=1.0">
 <link rel="stylesheet" href="style.css">
 <title>Contact</title>
</head>

<body>

 <div class="wrapper">
  <section class="section-10 target" id="contact">
   <h1 class="section-heading">Get in touch!</h1>
   <form class="contact-form">
    <input type="text" class="form-input" placeholder="Your Full Name" />
    <input type="email" class="form-input" placeholder="Your Email" />
    <textarea class="form-input" placeholder="Enter Message"></textarea>
    <input class="form-btn" type="submit" value="Submit" />
   </form>
   <p class="copyright">
    Copyright &copy; Shubham Golwal All Rights Reserved
   </p>
  </section>
 </div>
 <script src="script"></script>
</body>

</html>
```

script.js

```javascript
document.querySelector(".menu").addEventListener("click", () => {
 document.querySelectorAll(".target").forEach((item) => {
  item.classList.toggle("change");
 });
});


document.querySelectorAll(".wrapper").forEach((item) => {
 item.addEventListener("click", () => {
  document.querySelectorAll(".target").forEach((item) => {
```

```
    item.classList.remove("change");
  });
 });
});

const videos = document.querySelectorAll(".video");

videos.forEach((video) => {
 video.addEventListener("mouseover", () => {
  video.play();
 });
 video.addEventListener("mouseout", () => {
  video.pause();
 });
});
```

navbar.css

```css
@import url('https://fonts.googleapis.com/css?family=Josefin+Sans&display=swap');

*{
 margin: 0;
 padding: 0;
 box-sizing: border-box;
 list-style: none;
 text-decoration: none;
 font-family: 'Josefin Sans', sans-serif;
}

/* body{
 background-color: #f3f5f9;
} */

.wrapper_nav{
 display: flex;
 min-width: 100%;
 /* border: 2px solid black; */
 position: relative;
}

.wrapper_nav .sidebar ul li{
 font-size: 18px;
}

.wrapper_nav .sidebar{
 width: 200px;
 height: 100%;
 background: #202124;
 padding: 30px 0px;
 position: fixed;
}
```

```css
.wrapper_nav .sidebar .profile{
 color: #ffff;
 display: flex;
 align-items: center;
 margin-bottom: 30px;
}

.wrapper_nav .sidebar img {
 border-radius: 20px;
 object-fit: cover;
 width: 60px;
 height: 60px;
}

.wrapper_nav .sidebar .info {
 margin-left: 20px;
}

.wrapper_nav .sidebar .name {
font-size: 20px;
margin-bottom: 4px;
}

.wrapper_nav .sidebar .sub_title {
 color: rgb(193, 193, 193);
 font-size: 14px;
}

.wrapper_nav .sidebar h2{
 color: #fff;
 text-transform: uppercase;
 text-align: center;
 margin-bottom: 30px;
}

.wrapper_nav .sidebar ul li{
 padding: 15px;
 border-bottom: 1px solid #bdb8d7;
 border-bottom: 1px solid rgba(0,0,0,0.05);
 border-top: 1px solid rgba(255,255,255,0.05);
}

.wrapper_nav .sidebar ul li a{
 color: #bdb8d7;
 display: block;
}

.wrapper_nav .sidebar ul li a .fas{
 width: 25px;
}

.wrapper_nav .sidebar ul li:hover{
```

```css
  background-color: rgba(0, 0, 0, 0.747);
}

.wrapper_nav .sidebar ul li:hover a{
  color: #fff;
}

.wrapper_nav .sidebar .social_media{
  position: absolute;
  bottom: 0;
  left: 50%;
  transform: translateX(-50%);
  display: flex;
}

.wrapper_nav .sidebar .social_media a{
  display: block;
  width: 40px;
  background: #fefefe;
  height: 40px;
  line-height: 45px;
  text-align: center;
  margin: 0 5px;
  color: #000000;
  border-top-left-radius: 5px;
  border-top-right-radius: 5px;
}

.wrapper_nav .sidebar .social_media a i {
  transform: scale(1.8);
}

.wrapper_nav .main_content{
  width: 100%;
  margin-left: 200px;
}

.wrapper_nav .main_content .header{
  padding: 20px;
  background: #fff;
  color: #717171;
  border-bottom: 1px solid #e0e4e8;
}

.wrapper_nav .main_content .info{
  margin: 20px;
  color: #717171;
  line-height: 25px;
}

.wrapper_nav .main_content .info div{
  margin-bottom: 20px;
```

```
}

@media (max-height: 500px){
  .social_media{
    display: none !important;
  }
}
```

style.css

```css
/* Common Styles */
* {
  margin: 0;
  padding: 0;
  outline: none;
  box-sizing: border-box;
  text-decoration: none;
  list-style-type: none;
  font-family: "Special Elite", cursive;
  font-weight: 400;
}

html {
  font-size: 62.5%;
  scroll-behavior: smooth;
}

body {
  background-color: #ccc;
}

.center {
  display: flex;
  justify-content: center;
  align-items: center;
}
/* End of Common Styles */

/* Menu */
.menu {
  width: 4rem;
  height: 4rem;
  position: fixed;
  top: 2rem;
  left: 2rem;
  z-index: 10;
  flex-direction: column;
  cursor: pointer;
  transition: all 0.5s;
}

.menu.change {
  transform: rotate(45deg);
```

```css
  left: 15vw;
}

.menu-line {
  width: 100%;
  height: 0.2rem;
  background-color: #fff;
  margin: 0.3rem 0;
  box-shadow: 0.1rem 0.1rem 0.3rem #222;
  transition: transform 0.5s;
}

.change .menu-line-1 {
  transform: rotate(270deg) translateX(-0.4rem);
}

.change .menu-line-2 {
  transform: rotate(360deg) translateY(-0.4rem);
}
/* End of Menu */

/* Navbar */
.navbar {
  width: 15vw;
  height: 100vh;
  background-color: #fff;
  position: fixed;
  top: 0;
  left: -15vw;
  display: flex;
  flex-direction: column;
  padding: 4rem 0 0 4rem;
  z-index: 10;
  transition: left 0.5s;
}

.navbar.change {
  left: 0;
}

.navbar-link {
  font-size: 1.5rem;
  font-weight: 600;
  margin: 2rem 0;
  color: #777;
  letter-spacing: 0.3rem;
  text-transform: uppercase;
  transition: color 0.3s;
}

.navbar-link:hover {
  color: #111;
```

```css
}
/* End of Navbar */

/* Common Section Styles */
.wrapper {
  width: 100%;
  perspective: 50rem;
}

.main_content{
  /* border: 2px solid red; */
  width: 100%;
  height: 100vh;
}

section {
  width: 100%;
  height: 100%;
  background-color: #efefef;
  display: flex;
  position: relative;
  left: 0;
  /* margin-bottom: 3rem; */
  transform-origin: left;
  /* box-shadow: 0.5rem 0.5rem 1rem #aaa; */
  padding: 5rem 0;
  flex-direction: column;
  /* background: #222222; */
  background: url(images/bg-section1.jpg) center no-repeat;
  background-size: cover;
  transition: left 1s, transform 1s;
}

section.change {
  left: 15vw;
  transform: rotateY(10deg);
}

.section-heading {
  font-size: 10rem;
  font-weight: bolder;
  color: #fff;
  margin-bottom: 10rem;
  letter-spacing: 1rem;
  text-align: center;
  text-shadow: 0.3rem 0.3rem 0.5rem #555;
}

.wrapper .section-10 {
  width: 100%;
  height: 100%;
  background-color: #efefef;
```

```css
  display: flex;
  position: relative;
  left: 0;
  /* margin-bottom: 3rem; */
  transform-origin: left;
  /* box-shadow: 0.5rem 0.5rem 1rem #aaa; */
  padding: 0px 0;
  flex-direction: column;
  /* background: #222222; */
  background: url(images/bg-section5.jpg) center no-repeat;
  background-size: cover;
  transition: left 1s, transform 1s;
}

.wrapper .section-heading {
  font-size: 10rem;
  font-weight: bolder;
  color: #fff;
  margin-bottom: 40px;
  letter-spacing: 1rem;
  text-align: center;
  text-shadow: 0.3rem 0.3rem 0.5rem #555;
}
/* End of Common Section Styles */

/* Section-1 */
/* .section-1 {

  width: 100%;
  min-height: 100%;
  border: 2px solid red;
} */

.section-1 .section-1-heading {
  margin-bottom: 3rem;
  text-transform: uppercase;
  text-shadow: 1rem 1rem 1rem #000, 2rem 2rem 2rem #111, 3rem 3rem 3rem #222;
}

.section-1-img {
  width: 70%;
  margin: auto;
  animation: infinite levitate 1s ease;
  /* animation: levitate 2s ease infinite; */
  transform:translate(0,0);

  @keyframes levitate{
    0%, 100% {
      transform:translate(0,0);
    }
    50% {
      transform:translate(100px,100px);
```

```css
    }
  }
}
/* End of Section-1 */

/* Section 2 --> Popular Cars*/
.section-2 {
  display: flex;
  flex-direction: column;
  justify-content: space-around;
}

.card {
  width: 50rem;
  margin: 0 3rem;
  background-color: #fff;
  padding: 1rem;
  box-shadow: 0.2rem 0.2rem 0.2rem #bbb;
  position: relative;
  transition: box-shadow 0.5s;
}

.card:hover {
  box-shadow: 0.8rem 0.8rem 0.8rem #bbb;
}

.car-name {
  font-size: 2rem;
  font-weight: 600;
  text-transform: uppercase;
  color: #fff;
  position: absolute;
  top: 2rem;
  left: 2rem;
  z-index: 10;
}

.card-img {
  width: 100%;
  opacity: 0.8;
  transition: opacity 0.5s;
}

.card:hover .card-img {
  opacity: 1;
}

.car-price {
  font-size: 1.8rem;
  color: #777;
  margin: 0.5rem 0;
}
```

```css
.card-btn {
  width: 100%;
  background-color: #fff;
  font-size: 1.7rem;
  letter-spacing: 0.3rem;
  text-transform: uppercase;
  border: none;
  margin-top: 1rem;
  padding: 0.5rem;
  color: #fff;
  text-shadow: 0.1rem 0.1rem 0.3rem #000;
  box-shadow: 0.1rem 0.1rem 0.5rem #bbb;
  cursor: pointer;
}
/* End of Section 2 */

/* Section 3 --> Video Gallery*/
.section-3 {
  display: flex;
  flex-direction: column;
  justify-content: space-around;
  background-color: #222;
}

.video {
  width: 25%;
  margin: 0 2rem;
  border-radius: 1.5rem;
  opacity: 1;
  background: rgb(69, 69, 69);
  box-shadow: 0.3rem 0.3rem 0.5rem #fffaf1d8;
  /* transition: all 0.5s; */
}

.video:hover {
  opacity: 30;
  box-shadow: 1rem 1rem 2rem #111;
}
/* End of Section 3 */

/* Section 4 --> Image Gallery*/
.section-4 {
  display: flex;
  flex-direction: column;
  justify-content: space-between;
}

.gallery {
  margin: 10rem 0;
  perspective: 10rem;
}
```

```css
.gallery-shelf {
 width: 80%;
 height: 10rem;
 background-color: #202124;
 /* background-color: rgba(38, 126, 199, 0.8); */
 margin: auto;
 position: relative;
 box-shadow: 1rem 1rem 1rem #444;
}

.gallery-shelf::before {
 content: "";
 position: absolute;
 width: 100%;
 height: 10rem;
 background-color: #202124b7;
 /* background-color: rgba(34, 152, 248, 0.7); */
 top: -10rem;
 transform: rotateX(20deg);
 transform-origin: bottom;
}

.gallery img {
 width: 15%;
 position: absolute;
 bottom: 6rem;
 transform: translateX(-50%) rotateX(0.5deg);
 box-shadow: 0.2rem -0.2rem 0.5rem #888;
 border-radius: 0.5rem;
 transform-origin: bottom;
 transition: all 0.3s;
}

.gallery img:hover {
 transform: translateX(-50%) rotateX(0);
 box-shadow: 0 0.2rem 0.3rem #888;
}

.gallery-img-1 {
 left: 50%;
}

.gallery-img-2 {
 left: 30%;
}

.gallery-img-3 {
 left: 70%;
}
/* End of Section 4 */
```

```css
/* Section 5 --> Contact*/
.section-5 {
  background: linear-gradient(rgba(0, 0, 0, 0.6), rgba(0, 0, 0, 0.8)),
    url(images/bg-section5.jpg) center no-repeat;
  background-size: cover;
  display: flex;
  flex-direction: column;
  justify-content: space-around;
  align-items: center;
  margin-bottom: 0;
}

.contact-form {
  width: 60rem;
  height: 45rem;
  background-color: rgba(255, 255, 255, 0.2);
  border: 10px solid rgba(255, 255, 255, 0.8);
  border-radius: 20px;
  display: flex;
  flex-direction: column;
  justify-content: center;
  padding: 5rem;
  margin: auto;
}

.contact-form input,
.contact-form textarea {
  width: 100%;
  height: 4rem;
  margin: 2rem 0;
  background-color: transparent;
  padding: 0.5rem;
  border: 0.1rem solid #fff;
  font-size: 1.5rem;
  letter-spacing: 0.1rem;
  color: #fff;
  flex-shrink: 0;
  transition: background-color 0.5s;
}

.contact-form textarea {
  max-width: 100%;
  min-height: 8rem;
}

.form-input:focus {
  background-color: rgba(255, 255, 255, 0.5);
}

.contact-form .form-btn {
  background-color: rgba(255, 255, 255, 0.8);
  font-weight: 600;
```

```css
    letter-spacing: 0.3rem;
    color: #444;
    cursor: pointer;
}

.copyright {
    font-size: 2rem;
    font-weight: 300;
    color: #fff;
    text-align: center;
    margin-bottom: 20px;
}
/* End of Section 5 */

/* Responsive */
@media (max-width: 1500px) {
    .navbar {
        width: 20vw;
        padding: 2rem 0 0 2rem;
        left: -20vw;
    }

    .menu.change {
        left: 20vw;
    }

    section.change {
        left: 20vw;
        transform: rotateY(15deg);
    }

    .section-heading {
        font-size: 7rem;
    }

    .section-1 {
        justify-content: space-evenly;
    }

    .section-2 {
        height: auto;
        padding: 5rem 0 10rem 0;
    }

    .cards-wrapper {
        flex-wrap: wrap;
    }

    .card {
        width: 40rem;
        margin: 3rem;
    }
```

```css
.section-3 {
  padding: 5rem 3rem;
}

.video {
  width: 30%;
  margin: 2rem;
}

.section-4 {
  height: auto;
}

.gallery {
  margin: 12rem 0;
}

.gallery-shelf {
  width: 90%;
}

.gallery img {
  width: 20%;
}

.gallery-img-2 {
  left: 25%;
}

.gallery-img-3 {
  left: 75%;
}

.section-5 {
  height: auto;
}

.contact-form {
  width: 55rem;
  height: 40rem;
  padding: 2rem;
}

.copyright {
  margin-top: 5rem;
}
}

@media (max-width: 1000px) {
 body {
  padding-right: 0;
```

```css
  }

  .navbar {
    width: 25vw;
    left: -25vw;
  }

  .menu.change {
    left: 25vw;
  }

  section.change {
    left: 25vw;
    transform: rotateY(20deg);
  }

  .section-1-img {
    width: 90%;
  }

  .section-3 {
    height: auto;
  }

  .videos-wrapper {
    flex-direction: column;
  }

  .video {
    width: 70%;
    margin: 3rem 0;
  }
}

@media (max-width: 750px) {
  .navbar {
    width: 30vw;
    left: -30vw;
  }

  .menu.change {
    left: 30vw;
  }

  section.change {
    left: 30vw;
    transform: rotateY(25deg);
  }

  .section-heading {
    font-size: 5.5rem;
  }
}
```

```css
.section-4 {
  padding: 6rem 0 1rem 0;
}

.gallery-shelf {
  height: 1.5rem;
  width: 95%;
}

.gallery-shelf::before {
  height: 5rem;
  top: -5rem;
}

.gallery img {
  width: 25%;
  bottom: 4rem;
}

.gallery-img-2 {
  left: 22%;
}

.gallery-img-3 {
  left: 78%;
}
}

@media (max-width: 600px) {
  html {
    font-size: 55.5%;
  }

  .navbar {
    width: 40vw;
    left: -40vw;
  }

  .menu.change {
    left: 40vw;
  }

  section.change {
    left: 0;
    transform: rotateY(0);
  }

  .section-heading {
    font-size: 4.5rem;
  }
}
```

```css
.section-1-img {
  width: 100%;
}

.video {
  width: 100%;
  margin: 2rem 0;
}

.gallery {
  margin: 9rem 0;
}

.contact-form {
  width: 40rem;
  border: 1rem solid rgba(255, 255, 255, 0.8);
  }
}

@media (max-width: 400px) {
 html {
  font-size: 40%;
 }

 .copyright {
  width: 80%;
 }
}
/* End of Responsive */
```

CONCLUSION:	Through this experiment, I learned how to create a responsive website using HTML, CSS, and JavaScript. HTML is used to form the basic structure of your website and is like a skeleton. CSS adds beauty to the HTML code and makes your website more aesthetic and appealing to the eye hence it is used to style the website. JavaScript is used to make the website responsive and add functionality to the website.
REFERENCES:	- https://www.w3schools.com/html/ https://www.w3schools.com/css/ - https://www.w3schools.com/js/ - https://developer.mozilla.org/en-US/ - The Complete Web Development Bootcamp by Angela Yu:https://www.udemy.com/course/the-complete-web-development Bootcamp/learn/lecture/12383818?start=75#overview