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Class: LY IT Core

Lab Assignment No. 3

Create the application for (project topic) which have at least 5 pages using HTML, CSS and JavaScript.

Code:

Index.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>CarHub</title>
    <link rel="stylesheet" href="style.css" />
    <link
      href="https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css"
      rel="stylesheet"
    />
    <script src="script.js"></script>
  </head>
  <body>
    <header>
      <div class="nav container">
        <i class="bx bx-menu" id="menu-icon"></i>
        <a href="#" class="logo">Car<span>Hub</span></a>
        <ul class="navbar">
          <li><a href="index.html" class="active">Home</a></li>
          <li><a href="cars.html">Cars</a></li>
          <li><a href="about.html">About</a></li>
          <li><a href="parts.html">Parts</a></li>
          <li><a href="blog.html">Blog</a></li>
          <li><a href="login.html">Login</a></li>
          <li><a href="Register.html">Register</a></li>
        </ul>
        <i class="bx bx-search-alt" id="search-icon"></i>
        <div class="search-box container">
          <input type="search" name="" id="" placeholder="Search..." />
        </div>
      </div>
    </header>

    <section class="home" id="home">
      <div class="home-text">
        <h1>
          Embark on Your Automotive Journey <br />
          Explore, Choose, <br />
          and <span>Drive Your Dream Car</span>
        </h1>
        <p>
```

```
    Welcome to CarHub, your ultimate destination for <br />
    finding the car of your dreams.
  </p>
  <a href="#" class="btn">Start your Engine</a>
</div>
</section>
</body>
</html>
```

Cars.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>CarHub</title>
    <link rel="stylesheet" href="style.css" />
    <link
      href="https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css"
      rel="stylesheet"
    />
    <script src="script.js"></script>
  </head>
  <body>
    <header>
      <div class="nav container">
        <i class="bx bx-menu" id="menu-icon"></i>
        <a href="#" class="logo">Car<span>Hub</span></a>
        <ul class="navbar">
          <li><a href="index.html" >Home</a></li>
          <li><a href="cars.html" class="active">Cars</a></li>
          <li><a href="about.html">About</a></li>
          <li><a href="parts.html">Parts</a></li>
          <li><a href="blog.html">Blog</a></li>
        </ul>
        <i class="bx bx-search-alt" id="search-icon"></i>
        <div class="search-box container">
          <input type="search" name="" id="" placeholder="Search..." />
        </div>
      </div>
    </header>

    <section>
      <section class="cars" id="cars">
        <div class="heading">
          <span>All Cars</span>
          <h2>We have all types of Cars</h2>
          <p>
            Explore our diverse selection of vehicles, from sleek
sports cars to
            family-friendly SUVs, and find the perfect one for your
needs.
          </p>
        </div>
      </section>
    </section>
  </body>
</html>
```

```
<div class="cars-container container">
  <div class="box">
    
    <h2>Porsche</h2>
  </div>
  <div class="box">
    
    <h2>Audi</h2>
  </div>
  <div class="box">
    
    <h2>Audi</h2>
  </div>
  <div class="box">
    
    <h2>Audi</h2>
  </div>
  <div class="box">
    
    <h2>Audi</h2>
  </div>
  <div class="box">
    
    <h2>Mustang</h2>
  </div>
</div>
</section>
</section>
</body>
</html>
```

About.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>CarHub</title>
    <link rel="stylesheet" href="style.css" />
    <link
      href="https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css"
      rel="stylesheet"
    />
    <script src="script.js"></script>
  </head>
  <body>
    <header>
      <div class="nav container">
        <i class="bx bx-menu" id="menu-icon"></i>
        <a href="#" class="logo">Car<span>Hub</span></a>
        <ul class="navbar">
          <li><a href="index.html">Home</a></li>
          <li><a href="cars.html">Cars</a></li>
          <li><a href="about.html" class="active">About</a></li>
          <li><a href="parts.html">Parts</a></li>
          <li><a href="blog.html">Blog</a></li>
        </ul>
        <i class="bx bx-search-alt" id="search-icon"></i>
        <div class="search-box container">
          <input type="search" name="" id="" placeholder="Search..." />
        </div>
      </div>
    </header>

    <section class="about containe" id="about">
      <div class="about-img">
        
      </div>
      <div class="about-text">
        <span>About Us</span>
        <h2>Cheap Prices with
          <br>Quality Cars
        </h2>
        <p>Discover affordable prices without compromising on the
quality of our cars.</p>
        <a href="#" class="btn">Learn More</a>
      </div>
    </section>
  </body>
</html>
```

```
        </div>  
      </section>  
</body>  
</html>
```

Parts.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>CarHub</title>
    <link rel="stylesheet" href="style.css" />
    <link
      href="https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css"
      rel="stylesheet"
    />
    <script src="script.js"></script>
  </head>
  <body>
    <header>
      <div class="nav container">
        <i class="bx bx-menu" id="menu-icon"></i>
        <a href="#" class="logo">Car<span>Hub</span></a>
        <ul class="navbar">
          <li><a href="index.html" >Home</a></li>
          <li><a href="cars.html">Cars</a></li>
          <li><a href="about.html">About</a></li>
          <li><a href="parts.html" class="active">Parts</a></li>
          <li><a href="blog.html">Blog</a></li>
        </ul>
        <i class="bx bx-search-alt" id="search-icon"></i>
        <div class="search-box container">
          <input type="search" name="" id="" placeholder="Search..." />
        </div>
      </div>
    </header>

    <section class="parts" id="parts">
      <div class="heading">
        <span>What we Offer</span>
        <h2>Our cars are always excellent.</h2>
        <p>Experience excellence with our exceptional range of
vehicles, designed to meet your every driving need.</p>
      </div>
      <div class="parts-container container">
        <div class="box">
          
          <h3>Auto Spare Parts</h3>
          <span>Rs. 12000</span>
        </div>
      </div>
    </section>
  </body>
</html>
```



```

        <i class='bx bxs-star'>(6 Reviews)</i>
        <a href="#" class="btn">Buy Now</a>
        <a href="#" class="details">View Details</a>
    </div>
    <div class="box">
        
        <h3>Auto Spare Parts</h3>
        <span>Rs. 12000</span>
        <i class='bx bxs-star'>(6 Reviews)</i>
        <a href="#" class="btn">Buy Now</a>
        <a href="#" class="details">View Details</a>
    </div>
    <div class="box">
        
        <h3>Auto Spare Parts</h3>
        <span>Rs. 12000</span>
        <i class='bx bxs-star'>(6 Reviews)</i>
        <a href="#" class="btn">Buy Now</a>
        <a href="#" class="details">View Details</a>
    </div>
    <div class="box">
        
        <h3>Auto Spare Parts</h3>
        <span>Rs. 12000</span>
        <i class='bx bxs-star'>(6 Reviews)</i>
        <a href="#" class="btn">Buy Now</a>
        <a href="#" class="details">View Details</a>
    </div>
    <div class="box">
        
        <h3>Auto Spare Parts</h3>
        <span>Rs. 12000</span>
        <i class='bx bxs-star'>(6 Reviews)</i>
        <a href="#" class="btn">Buy Now</a>
        <a href="#" class="details">View Details</a>
    </div>
    <div class="box">
        
        <h3>Auto Spare Parts</h3>
        <span>Rs. 12000</span>
        <i class='bx bxs-star'>(6 Reviews)</i>
        <a href="#" class="btn">Buy Now</a>
        <a href="#" class="details">View Details</a>
    </div>
</div>
</section>
</body>
</html>

```

Blog.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>CarHub</title>
    <link rel="stylesheet" href="style.css" />
    <link
      href="https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css"
      rel="stylesheet"
    />
    <script src="script.js"></script>
  </head>
  <body>
    <header>
      <div class="nav container">
        <i class="bx bx-menu" id="menu-icon"></i>
        <a href="#" class="logo">Car<span>Hub</span></a>
        <ul class="navbar">
          <li><a href="index.html" >Home</a></li>
          <li><a href="cars.html">Cars</a></li>
          <li><a href="about.html">About</a></li>
          <li><a href="parts.html" >Parts</a></li>
          <li><a href="blog.html" class="active">Blog</a></li>
        </ul>
        <i class="bx bx-search-alt" id="search-icon"></i>
        <div class="search-box container">
          <input type="search" name="" id="" placeholder="Search..." />
        </div>
      </div>
    </header>

    <section class="blog" id="blog">
      <div class="heading">
        <span>Blog & News</span>
        <h2>Our cars are always excellent.</h2>
        <p>Experience excellence with our exceptional range of
vehicles, designed to meet your every driving need.</p>
      </div>

      <div class="blog-container container">
        <div class="box">
          
          <span>Feb 14 2023</span>
        </div>
      </div>
    </section>
  </body>
</html>
```

```

        <h3>How to get a Perfect Car at Low Price</h3>
        <p>Experience excellence with our exceptional range of
vehicles, designed to meet your every driving need.</p>
        <a href="#" class="blog-btn">Read More <i class='bx
bx-right-top-arrow-circle' ></i></a>
    </div>
    <div class="box">
        
        <span>Feb 14 2023</span>
        <h3>How to get a Perfect Car at Low Price</h3>
        <p>Experience excellence with our exceptional range of
vehicles, designed to meet your every driving need.</p>
        <a href="#" class="blog-btn">Read More <i class='bx
bx-right-top-arrow-circle' ></i></a>
    </div>
    <div class="box">
        
        <span>Feb 14 2023</span>
        <h3>How to get a Perfect Car at Low Price</h3>
        <p>Experience excellence with our exceptional range of
vehicles, designed to meet your every driving need.</p>
        <a href="#" class="blog-btn">Read More <i class='bx
bx-right-top-arrow-circle' ></i></a>
    </div>
</div>

</section>

</body>
</html>

```

Register.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>Register - CarHub</title>
    <link
      href="https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css"
      rel="stylesheet"
    />

    <style>
      body {
        display: flex;
        align-items: center;
        justify-content: center;
        height: 100vh;
        background-color: #f2f2f2;
        margin: 0;
      }

      .container {
        text-align: center;
        background: white;
        padding: 100px;
        border-radius: 5px;
        box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
      }

      .container h2 {
        margin-bottom: 20px;
      }

      .form-group {
        margin: 10px 0;
      }

      .form-group label {
        display: block;
      }

      .form-group input {
        width: 100%;
        padding: 10px;
      }
    </style>
  </head>
  <body>
    <div class="container">
      <h2>Register</h2>
      <div class="form-group">
        <input type="text" value="Name" />
      </div>
      <div class="form-group">
        <input type="text" value="Email" />
      </div>
      <div class="form-group">
        <input type="password" value="Password" />
      </div>
      <div class="form-group">
        <input type="password" value="Confirm Password" />
      </div>
      <div class="form-group">
        <input type="button" value="Register" />
      </div>
    </div>
  </body>
</html>
```

```

        margin: 5px 0;
        border: 1px solid #ccc;
        border-radius: 5px;
    }

    .btn {
        background: red;
        color: white;
        padding: 10px 20px;
        border: none;
        border-radius: 5px;
        cursor: pointer;
    }

    .btn:hover {
        background: darkred;
    }
</style>
</head>
<body>
    <header>
        <!-- Add register page-specific content here if needed -->
    </header>
    <section class="register">
        <div class="container">
            <h2>Create an Account</h2>
            <form id="register-form">
                <div class="form-group">
                    <label for="username">Username</label>
                    <input type="text" id="username" name="username" required
/>
                </div>
                <div class="form-group">
                    <label for="email">Email</label>
                    <input type="email" id="email" name="email" required />
                </div>
                <div class="form-group">
                    <label for="password">Password</label>
                    <input type="password" id="password" name="password"
required />
                </div>
                <button type="submit" class="btn">Register</button>
            </form>
        </div>
    </section>
    <script src="script.js"></script>
</body>
</html>

```

Login.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-
scale=1.0" />
    <title>Login - CarHub</title>
    <link
      href="https://unpkg.com/boxicons@2.1.4/css/boxicons.min.css"
      rel="stylesheet"
    />
    <style>
      body {
        display: flex;
        align-items: center;
        justify-content: center;
        height: 100vh;
        background-color: #f2f2f2;
        margin: 0;
      }

      .container {
        text-align: center;
        background: white;
        padding: 100px;
        border-radius: 5px;
        box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
      }

      .container h2 {
        margin-bottom: 20px;
      }

      .form-group {
        margin: 10px 0;
      }

      .form-group label {
        display: block;
      }

      .form-group input {
        width: 100%;
        padding: 10px;
        margin: 5px 0;
      }
```

```

        border: 1px solid #ccc;
        border-radius: 5px;
    }

    .btn {
        background: red;
        color: white;
        padding: 10px 20px;
        border: none;
        border-radius: 5px;
        cursor: pointer;
    }

    .btn:hover {
        background: darkred;
    }
</style>
</head>
<body>
    <header>
        <!-- Add login page-specific content here if needed -->
    </header>
    <section class="login">
        <div class="container">
            <h2>Login to CarHub</h2>
            <form id="login-form">
                <div class="form-group">
                    <label for="username">Username</label>
                    <input type="text" id="username" name="username" required
/>
                </div>
                <div class="form-group">
                    <label for="password">Password</label>
                    <input type="password" id="password" name="password"
required />
                </div>
                <button type="submit" class="btn">Login</button>
            </form>
        </div>
    </section>
    <script src="script.js"></script>
</body>
</html>

```

Style.css

```
@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@300&display=
swap');

* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: 'Poppins', sans-serif;
  scroll-padding-top: 1rem;
  scroll-behavior: smooth;
  list-style: none;
  text-decoration: none;
}

section {
  padding: 4rem 0 2rem;
}

img {
  width: 100%;
}

body {
  color: black;
  font-family: 'Poppins', sans-serif;
}

.container {
  max-width: 1068px;
  margin-left: auto;
  margin-right: auto;
}

header {
  display: block;
  width: 100%;
  position: fixed;
  top: 0;
  left: 0;
  z-index: 100;
}

.nav {
  display: flex;
```



```

    align-items: center;
    justify-content: space-between;
    padding: 20px 35px;
}

#menu-icon {
    font-size: 24px;
    cursor: pointer;
    color: black;
    display: none;
}

.logo {
    font-size: 1.2rem;
    font-weight: 700;
    color: black;
}

.logo span {
    color: red;
}

.navbar {
    display: flex;
    column-gap: 2rem;
}

.navbar a {
    color: black;
    font-size: 1rem;
    text-transform: uppercase;
    font-weight: 500;
}

.navbar a:hover,
.navbar .active {
    color: red;
    border-bottom: 3px solid red;
}

#search-icon {
    font-size: 24px;
    cursor: pointer;
    color: white;
}

.search-box {
    position: absolute;

```

```

    top: 110%;
    right: 0;
    left: 0;
    background: white;
    box-shadow: 4px 4px 20px rgb(15 54 55 / 10%);
    border: 1px solid red;
    border-radius: 0.5rem;
    clip-path: circle(0% at 100% 0%);
}

.search-box.active {
    clip-path: circle(144% at 100% 0%);
    transition: 0.5s ease;
}

.search-box input {
    width: 100%;
    padding: 20px;
    border: none;
    outline: none;
    background: transparent;
    font-size: 1rem;
}

.home {
    max-width: 100%;
    margin: auto;
    width: 100%;
    min-height: 100vh;
    display: flex;
    align-items: center;
    background: url(img/Background-home.png);
    background-repeat: no-repeat;
    background-size: cover;
    background-position: center left;
}

.home h1 {
    margin-bottom: 1rem;
}

.btn {
    align-self: flex-start;
    margin-top: 1rem;
}

.home-text {
    padding-left: 130px;

```

```
}

.home-text h1 {
  font-size: 2.4rem;
}

.home-text span {
  color: red;
}

.home-text p {
  font-size: 1rem;
  font-weight: 300;
  margin: 0.5rem 0 1.2rem;
}

.btn {
  padding: 10px 22px;
  background: red;
  color: white;
  font-weight: 400;
}

.btn:hover {
  background: black;
  transition: 0.2s ease;
}

.heading {
  text-align: center;
}

.heading span {
  font-weight: 500;
  color: red;
}

.heading p {
  font-size: 1rem;
  font-weight: 300;
}

.cars-container {
  display: flex;
  flex-wrap: wrap;
  gap: 2rem;
  margin-top: 2rem;
}
```

```
.cars-container .box {
  flex: 1 1 17rem;
  position: relative;
  height: 200px;
  border-radius: 0.5rem;
  overflow: hidden;
}

.cars-container .box img {
  width: 100%;
  height: 100%;
  object-fit: cover;
  overflow: hidden;
}

.cars-container .box img:hover {
  transform: scale(1.1);
  transition: 0.5s;
}

.cars-container .box h2 {
  position: absolute;
  bottom: 1rem;
  left: 1rem;
  font-weight: 400;
  font-size: 1rem;
  background: white;
  padding: 8px;
  border-radius: 0.5rem;
}

.cars-container .box:hover h2{
  color: red;
  background: black;
}

.about {
  display: flex;
  flex-wrap: wrap;
  align-items: center;
  gap: 1.5rem;
  margin-top: 150px;
}

.about-img {
  flex: 1 1 21rem;
}
```

```
.about-text {
  flex: 1 1 21rem;
}

.about-text span {
  font-weight: 500;
  color: red;
}

.about-text h2 {
  font-size: 1.7rem;
}

.about-text p {
  font-size: 1rem;
  margin: 0.5rem 0 1.4rem;
}

.parts-container {
  display: flex;
  flex-wrap: wrap;
  gap: 2rem;
  margin-top: 2rem;
}

.parts-container .box {
  flex: 1 1 17rem;
  position: relative;
  padding: 20px;
  display: flex;
  flex-direction: column;
  background-color: rgb(232, 232, 232);
  border-radius: 0.5rem;
}

.parts-container .box .img {
  width: 100%;
  height: 150px;
  object-fit: contain;
  object-position: center;
  margin-bottom: 1rem;
}

.parts-container .box h3 {
  font-size: 1.1rem;
  font-weight: 600;
}
```

```
.parts-container .box span {
  font-size: 1.1rem;
  font-weight: 600;
  color: red;
}

.parts-container .box .bx {
  color: red;
  margin: 0.8rem 0;
}

.parts-container .box .btn {
  max-width: 120px;
}

.parts-container .box .details {
  display: flex;
  align-items: center;
  position: absolute;
  bottom: 1.8rem;
  right: 1rem;
  font-size: 1rem;
  color: black;
}

.parts-container .box .details:hover {
  color: red;
  text-decoration: underline;
}

.blog-container {
  display: flex;
  flex-wrap: wrap;
  gap: 2rem;
  margin-top: 2rem;
}

.blog-container .box {
  flex: 1 1 13rem;
  padding: 20px;
}

.blog-container .box:hover {
  background: whitesmoke;
}

.blog-container .box span {
```

```
    font-size: 1rem;
    color: red;
}

.blog-container h3 {
    font-size: 1.2rem;
}

.blog-container .box p {
    font-size: 1rem;
    margin: 4px 0;
}

.blog-container .box .blog-btn {
    display: flex;
    align-items: center;
    column-gap: 4px;
    color: black;
}

.blog-container .box .blog-btn .bx {
    font-size: 20px;
}

.blog-container .box .blog-btn:hover {
    color: red;
    column-gap: 0.7rem;
    transition: 0.2s ease;
}
```

Script.js

```
// dynamic search box code

document.addEventListener('DOMContentLoaded', function() {
    let search = document.querySelector('.search-box');

    document.querySelector('#search-icon').onclick = () => {
        search.classList.toggle('active');
    }
});

// register validation code
document.getElementById('register-form').addEventListener('submit',
function (e) {
    e.preventDefault();
    const username = document.getElementById('username').value;
    const email = document.getElementById('email').value;
    const password = document.getElementById('password').value;

    if (username && email && password) {
        alert('Registration successful!');
    } else {
        alert('Please fill in all the fields.');
```

```
    }
});

// login validation code
document.getElementById('login-form').addEventListener('submit',
function (e) {
    e.preventDefault();
    const username = document.getElementById('username').value;
    const password = document.getElementById('password').value;

    if (username === 'new_username' && password === 'new_password') {
        alert('Login successful!');
    } else {
        alert('Login failed. Please check your credentials.');
```


Screenshots:







