



Green University of Bangladesh

Department of Computer Science and Engineering (CSE)

Faculty of Sciences and Engineering, Semester: Fall, Year: 2024,

B.Sc. in CSE (weekend)

Lab Report: 02

Course Title: Web Programming Lab

Course Code: CSE 302

Section: 223_E2

Student Details

Name		ID
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Date : 27-09-2024

Submission Date : 03-10-2024

Course Teacher's Name : Umme Habiba

Assignment Status

Marks:

Comments:.....

Signature:.....

Date:.....

Title: Design a web page using HTML, CSS.

1. Introduction:

The objective of this lab was to create a website for a car company named "CAR HAVEN" with two main pages: a homepage and a car information page. The website aimed to showcase various features of the company and display car information in a tabular format. And this lab using grid CSS, flex CSS, and table layout etc.

2. Objective:

The primary objective of this lab is to design and implement a web page, two-page website for CAR HAVEN using HTML and CSS. The website should include:

- A homepage that highlights the company's key features and services.
- An information page displaying car data in a tabular format.
- A consistent navigation system and footer across both pages.
- The website should be user-friendly and easy to navigate.

3. Procedure:

- **Creating the Navigation Bar:** We created the navigation bar using HTML and CSS. We used the display: grid property to make the navigation bar.
- **Creating the Banner Section:** We created the banner section using HTML and CSS. We used the background-image property to add a background image to the banner section.
- **Creating the Features Section:** We created the features section using HTML and CSS. We used the display: grid property to make the features section responsive.
- **Creating the Description Section:** We created the description section using HTML and CSS. We used the background-color property to add a background color to the description section.
- **Creating the Footer Section:** We created the footer section using HTML and CSS. We used the display: grid property to make the footer section.
- **Creating the Table:** We created the table using HTML and CSS. We used the border-collapse property to make the table responsive.

4. Implementations and Output:

- **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>Homepage</title>
    <link rel="stylesheet" href="style.css" />
    <link
      rel="stylesheet"
```

```

    href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-
beta3/css/all.min.css"
  />
</head>
<body>
  <!-- navbar section start -->
  <div class="navbar">
    <div class="logo">
      <h1>CAR HAVEN</h1>
    </div>
    <div class="menu">
      <ul>
        <li><a href="index.html">Home</a></li>
        <li><a href="#">About Us</a></li>
        <li><a href="#">Services</a></li>
        <li><a href="#">Contact</a></li>
        <li><a href="info.html">Information</a></li>
      </ul>
    </div>
  </div>
  <!-- navbar section end -->

  <!-- bannaer section start-->
  <section>
    <div class="banner">
      <div class="banner_top">
        <h1>INSPIRED BY TECHNOLOGIES</h1>
        <p>
          CON NONMUMMY SEM INTEGER INTERDUM VOLUTPAT DIS EGET ELIGENDI ALIQUIP
          DOLORUM MAGNAM.
        </p>
      </div>
    </div>
  </section>
  <!-- bannaer section end-->

  <!-- fetature section start -->
  <div class="features">
    <div class="fea1">
      <h4>UNLIMITED COLOR VARIANTS</h4>
    </div>
    <div class="fea2">
      <h4>MANY REUSABLE ELEMENTS</h4>
    </div>
    <div class="fea3">
      <h4>RESPONSIVE LAYOUTE</h4>
    </div>
    <div class="fea4">
      <h4>CLEAN MODERN CODE</h4>
    </div>
    <div class="fea5">
      
    </div>
  </div>

```

```

</div>
<!-- fetature section end -->

<!-- description part start -->
<div class="description">
  <div class="desc">
    <h1>RESPONSIVE <strong>PARALLAX BACKGROUND</strong></h1>
    <p>
      Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam
      nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat
      volutpat. Lorem ipsum dolor sit amet, consectetur adipiscing elit,
      sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna
      aliquam erat volutpat.
    </p>
  </div>
</div>
<!-- description part end -->

<!-- another description part start -->
<div class="another_desc">
  <div class="desc_left">
    
  </div>
  <div class="desc_right">
    <h1>
      Nonummy nibh euismod tincidunt ut laoreet massa nec orci accusamus
      auctor aute
    </h1>
    <ul>
      <li>Sed diam nonummy nibh euismod tincidunt ut laoreet</li>
      <li>Dolore magna aliquam erat volutpat</li>
      <li>Lorem ipsum dolor sit amet, consectetur adipiscing elit</li>
      <li>Sed diam nonummy nibh euismod tincidunt ut laoreet</li>
      <li>Dolore magna aliquam erat volutpat</li>
    </ul>
  </div>
</div>
<!-- another description part end -->

<!-- footer section start -->
<footer>
  <div class="footer_sec">
    <div class="footer1">
      
    </div>
    <div class="footer2">
      <h5>WHO WE ARE?</h5>
      <p>
        Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam
        nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat
        volutpat. Lorem ipsum dolor sit amet, consectetur adipiscing elit,
        sed diam nonummy.
      </p>
    </div>
  </div>
</footer>

```

```

    </div>
    <div class="footer3">
      <h5>WHERE WE ARE?</h5>
      
    </div>
    <div class="footer4">
      <h5>CONTACT US</h5>
      <ul>
        <li><strong>P </strong> 0800 4521 800 50</li>
        <li><strong>M </strong> contact@domain.com</li>
        <li><strong>M </strong> office@domain.com</li>
      </ul>
    </div>
  </div>
  <div class="foot2">
    <p>Waliullah&copy;Copyright 2024</p>
  </div>
</footer>
<!-- footer section end -->
</body>
</html>

```

- **Code(info.html):**

```

<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Car Company Data</title>
    <link rel="stylesheet" href="style.css" />
  </head>
  <body>
    <!-- navbar section start -->
    <div class="navbar">
      <div class="logo">
        <h1>CAR HAVEN</h1>
      </div>
      <div class="menu">
        <ul>
          <li><a href="index.html">Home</a></li>
          <li><a href="#">About Us</a></li>
          <li><a href="#">Services</a></li>
          <li><a href="#">Contact</a></li>
          <li><a href="info.html">Information</a></li>
        </ul>
      </div>
    </div>
    <!-- navbar section end -->

    <!-- car information section start -->
    <div class="car_info">

```

```
<h1 class="title">CAR INFORMATION</h1>
<table class="car-table">
  <thead>
    <tr>
      <th>Car Company</th>
      <th>Model</th>
      <th>Year</th>
      <th>Price ($)</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>Ford</td>
      <td>Mustang</td>
      <td>2021</td>
      <td>35,000</td>
    </tr>
    <tr>
      <td>Toyota</td>
      <td>Camry</td>
      <td>2022</td>
      <td>27,000</td>
    </tr>
    <tr>
      <td>Chevrolet</td>
      <td>Corvette</td>
      <td>2021</td>
      <td>60,000</td>
    </tr>
    <tr>
      <td>BMW</td>
      <td>330i</td>
      <td>2020</td>
      <td>42,000</td>
    </tr>
    <tr>
      <td>Honda</td>
      <td>Civic</td>
      <td>2021</td>
      <td>24,000</td>
    </tr>
    <tr>
      <td>Audi</td>
      <td>A4</td>
      <td>2022</td>
      <td>39,000</td>
    </tr>
    <tr>
      <td>Mercedes</td>
      <td>C-Class</td>
      <td>2020</td>
      <td>50,000</td>
    </tr>
  </tbody>
</table>
```

```

        </tbody>
    </table>
</div>
<!-- car information section end -->

<!-- footer section start -->
<footer>
    <div class="footer_sec">
        <div class="footer1">
            
        </div>
        <div class="footer2">
            <h5>WHO WE ARE?</h5>
            <p>
                Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam
                nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat
                volutpat. Lorem ipsum dolor sit amet, consectetur adipiscing elit,
                sed diam nonummy.
            </p>
        </div>
        <div class="footer3">
            <h5>WHERE WE ARE?</h5>
            
        </div>
        <div class="footer4">
            <h5>CONTACT US</h5>
            <ul>
                <li><strong>P </strong> 0800 4521 800 50</li>
                <li><strong>M </strong> contact@domain.com</li>
                <li><strong>M </strong> office@domain.com</li>
            </ul>
        </div>
    </div>
    <div class="foot2">
        <p>Waliullah&copy;Copyright 2024</p>
    </div>
</footer>
<!-- footer section end -->
</body>
</html>

```

- **Code(style.css):**

```

body {
    margin: 0px;
    padding: 0px;
}

.navbar {
    display: grid;
    grid-template-columns: 1fr 2fr;
    gap: 10px;
}

```

```
background-color: #002633;
color: #ffffff;
font-family: Georgia, 'Times New Roman', Times, serif;
}

.logo {
  margin-left: 60px;
}

.logo h1 {
  font-size: 32px;
}

.menu ul {
  display: flex;
  gap: 15px;
  margin-left: 240px;
  margin-top: 25px;
}

.menu ul li {
  list-style: none;
}

.menu ul li a {
  text-decoration: none;
  color: #7697a2;
  font-size: 23px;
  font-weight: 600;
}

.menu ul li a:hover {
  color: #ffffff;
  transition: 1s;
}

section {
  padding: 0px;
  margin: 0px;
}

.banner {
  background-image: url(Image/carousel.jpg);
  background-position: center;
  background-repeat: no-repeat;
  background-size: cover;
  height: 80vh;
}

.banner_top {
  padding-top: 115px;
}
```



```
.banner_top h1 {
  font-size: 50px;
  background-color: #c81010;
  color: #ffffff;
  font-weight: 700;
  font-family: Georgia, 'Times New Roman', Times, serif;
  padding: 13px;
  width: 885px;
  margin-bottom: -16px;
}

.banner_top p {
  font-size: 16px;
  background-color: #ffffff;
  color: #002633;
  font-weight: 400;
  font-family: Georgia, 'Times New Roman', Times, serif;
  padding: 13px;
  width: 855px;
}

.features {
  display: grid;
  background-color: #002633;
  grid-template-columns: repeat(2, 1fr) 3fr;
  grid-template-rows: repeat(2, 200px);
  gap: 10px;
  padding: 15px;
}

.fea1 {
  grid-column: 1 / 2;
  grid-row: 1;
  background-color: #c81010;
}

.fea1 h4 {
  text-align: center;
  font-size: 23px;
  font-weight: 700;
  color: #ffffff;
  margin-top: 75px;
}

.fea2 {
  grid-column: 2 / 3;
  grid-row: 1;
  background-color: #005881;
}

.fea2 h4 {
  text-align: center;
  font-size: 23px;
}
```

```
    font-weight: 700;
    color: #ffffff;
    margin-top: 75px;
}

.fea3 {
    grid-column: 1 / 2;
    grid-row: 2;
    background-color: #e4a600;
}

.fea3 h4 {
    text-align: center;
    font-size: 23px;
    font-weight: 700;
    color: #ffffff;
    margin-top: 75px;
}

.fea4 {
    grid-column: 2 / 3;
    grid-row: 2;
    background-color: #00b5a6;
}

.fea4 h4 {
    text-align: center;
    font-size: 23px;
    font-weight: 700;
    color: #ffffff;
    margin-top: 75px;
}

.fea5 {
    grid-column: 3 / 4;
    grid-row: 1 / 3;
}

.fea5 img {
    width: 779px;
    height: 410px;
}

.description {
    background-color: #002633;
    height: 50vh;
}

.desc {
    width: 700px;
    margin: auto;
    color: #ffffff;
    padding-top: 70px;
}
```

```
    font-family: Georgia, 'Times New Roman', Times, serif;
}

.desc h1 {
    font-weight: 400;
}

.desc p {
    font-weight: 400;
    color: #63787b;
}

.another_desc {
    display: grid;
    background-color: #002633;
    grid-template-columns: 1fr 1fr;
    gap: 10px;
    padding: 15px;
}

.desc_left {
    grid-column: 1 / 2;
    grid-row: 1;
}

.desc_left img {
    width: 650px;
    height: 533px;
}

.desc_right {
    background-color: #005881;
    grid-column: 2 / 3;
    grid-row: 1;
}

.desc_right h1 {
    font-size: 55px;
    color: #ffffff;
    font-weight: 600;
    padding: 10px 36px;
    line-height: 50px;
}

.desc_right ul li {
    font-size: 18px;
    color: #bfd5df;
    font-weight: 500;
    padding: 10px 36px;
    line-height: 5px;
    list-style: none;
}
```

```
.footer_sec {
  display: grid;
  background-color: #002633;
  grid-template-columns: 1fr 1fr 1fr 1fr;
  gap: 10px;
}

.footer1 {
  grid-column: 1 / 2;
  grid-row: 1;
}

.footer1 img {
  width: 330px;
  height: 310px;
}

.footer2 {
  grid-column: 2 / 3;
  grid-row: 1;
  padding: 0px 17px;
}

.footer2 h5 {
  color: #ffffff;
  font-weight: 500;
  font-size: 30px;
}

.footer2 p {
  color: #7295a2;
  font-weight: 500;
  font-size: 20px;
}

.footer3 {
  grid-column: 3 / 4;
  grid-row: 1;
}

.footer3 h5 {
  color: #ffffff;
  font-weight: 500;
  font-size: 30px;
}

.footer3 img {
  width: 270px;
  height: 150px;
}

.footer4 {
  grid-column: 4 / 5;
```

```
    grid-row: 1;
}

.footer4 h5 {
    color: #ffffff;
    font-weight: 500;
    font-size: 30px;
}

.footer4 ul li {
    list-style: none;
    color: #7295a2;
    font-weight: 500;
    font-size: 20px;
}

.footer4 ul li strong {
    color: #c81725;
}

.foot2 {
    background-color: #002633;
    padding: 20px;
}

.foot2 p {
    color: #7295a2;
    text-align: center;
    font-size: 20px;
}

/* information css here */

.title {
    color: #ffffff;
    font-size: 50px;
    width: 50%;
    margin: auto;
    text-align: center;
    margin-top: 10px;
}

.car_info {
    background-color: rgb(76, 54, 54);
    padding: 15px 0px;
}

.car-table {
    width: 80%;
    margin: 20px auto;
    border-collapse: collapse;
```

```

    box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
}

.car-table th,
td {
    padding: 15px;
    text-align: center;
    border: 1px solid #ddd;
    background-color: #fff;
}

.car-table th {
    font-weight: bold;
    background-color: #4CAF50;
    color: white;
    font-size: 16px;
}

.car-table tbody tr:nth-child(even) {
    background-color: #f2f2f2;
}

.car-table tbody tr td {
    font-size: 14px;
}

.car-table th:first-child,
.car-table td:first-child {
    text-align: left;
    padding-left: 20px;
}

.car-table th:last-child,
.car-table td:last-child {
    text-align: right;
    padding-right: 20px;
}

```

- **Output: (Home page)**



UNLIMITED COLOR
VARIANTS

MANY REUSABLE
ELEMENTS

RESPONSIVE
LAYOUTE

CLEAN MODERN
CODE



RESPONSIVE PARALLAX BACKGROUND

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.



Nonummy nibh euismod tincidunt ut laoreet massa nec orci accusamus auctor aute

Sed diam nonummy nibh euismod tincidunt ut laoreet
Dolore magna aliquam erat volutpat
Lorem ipsum dolor sit amet, consectetur adipiscing elit
Sed diam nonummy nibh euismod tincidunt ut laoreet
Dolore magna aliquam erat volutpat



WHO WE ARE?

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy.

WHERE WE ARE?



CONTACT US

P 0800 4521 800 50
M contact@domain.com
M office@domain.com

Information page

CAR HAVENHome About Us Services Contact Information

CAR INFORMATION

Car Company	Model	Year	Price (\$)
Ford	Mustang	2021	35,000
Toyota	Camry	2022	27,000
Chevrolet	Corvette	2021	60,000
BMW	330i	2020	42,000
Honda	Civic	2021	24,000
Audi	A4	2022	39,000
Mercedes	C-Class	2020	50,000



WHO WE ARE?

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy.

WHERE WE ARE?



CONTACT US

P 0800 4521 800 50
M contact@domain.com
M office@domain.com

Waliullah©Copyright 2024

5. Discussion:

The website we designed navigation bar, banner section, features section, description section, and footer section some section is responsive cause using grid css and can be accessed on different devices. The table that displays information about different car models is also responsive and can be accessed on different devices. We used various CSS properties such as display: grid, background-image, background-color, and border-collapse to make the website responsive. We also used HTML to create the structure of the website.

6. Conclusion:

This lab successfully resulted in the creation of a basic yet functional two-page website for CAR HAVEN. The website effectively displays company information on the homepage and car data on the information page. The use of HTML5 and CSS3, particularly CSS Grid, allowed for a responsive and visually appealing design.