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Assignment-2

Problem Statament:

Create my hotel project using html and style the Application using css.

Source code:

**1)index.html**

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1">

  <title>My Hotel</title>

  <link rel="stylesheet" href="styles.css">

</head>

<body>

  <!-- Header -->

  <header>

    <nav class="navbar">

      <ul class="nav-links">

        <li><a href="#">Stay with Us</a></li>

        <li><a href="#">Restaurants</a></li>

        <li><a href="#">Spa Facilities</a></li>

        <li><a href="#">Weddings</a></li>

        <li><input type="text" placeholder="Search..."></li>

        <li><a href="#">Contact Us</a></li>

        <li class="dropdown">

          <a href="#">Discovery</a>

          <div class="dropdown-content">

            <a href="#">Natural Surrounding</a>

            <a href="#">Where to Visit</a>

            <a href="#">Take a Tour</a>

          </div>

        </li>

      </ul>

    </nav>

  </header>

  <!-- Body -->

  <main>

    <!-- Carousel -->

    <div class="carousel">

        <div class="carousel-track">

        <img src="images/room.jpg" class="slide" >

      <img src="images/dining.jpg" class="slide">

      <img src="images/spa.jpg" class="slide">

        <img src="images/room.jpg" class="slide" >

      <img src="images/dining.jpg" class="slide">

      <img src="images/spa.jpg" class="slide">

        </div>

    </div>

    <!-- About Section -->

    <section class="about">

      <div class="column">

        <h3>Luxury Stay</h3>

        <p>Our hotel offers elegant rooms and premium service to make your stay comfortable and memorable.</p>

      </div>

      <div class="column">

        <h3>Fine Dining</h3>

        <p>Enjoy gourmet cuisine prepared by world-class chefs at our in-house restaurants and bars.</p>

      </div>

      <div class="column">

        <h3>Relax & Rejuvenate</h3>

        <p>Our spa and wellness center offers a range of treatments to help you relax and refresh.</p>

      </div>

    </section>

  </main>

  <footer>

    <p>&copy Taneeshq</p>

  </footer>

  <script src="script.js"></script>

</body>

</html>

**2)styles.css**

\* {

    margin: 0;

    padding: 0;

    box-sizing: border-box;

  }

  body {

    font-family: sans-serif;

    background-color: #f4f4f4;

  }

  /\* Navbar \*/

  .navbar {

    background-color: #333;

    padding: 3rem;

    height:10rem;

  }

  .nav-links {

    display: flex;

    flex-wrap: wrap;

    justify-content: space-between;

    align-items: center;

    list-style: none;

    font-size: 1.2rem;

  }

  .nav-links a:hover{

    text-decoration: underline;

  }

  .nav-links li {

    margin: 5px 10px;

    position: relative;

  }

  .nav-links a {

    color: white;

    text-decoration: none;

    padding: 8px 12px;

    display: inline-block;

  }

  .nav-links input {

    padding: 6px;

    border-radius: 4px;

    border: none;

  }

  /\* Dropdown \*/

  .dropdown-content {

    display: none;

    position: absolute;

    background-color: #444;

    top: 100%;

    left: 0;

    min-width: 160px;

    z-index: 1;

  }

  .dropdown-content a {

    color: white;

    padding: 10px;

    display: block;

  }

  .dropdown:hover .dropdown-content {

    display: block;

  }

  /\* Carousel \*/

  .carousel {

    width: 100%;

    max-height: 400px;

    overflow: hidden;

    position: relative;

    margin-top: 10rem;

    display: flex;

    justify-content: center;

    align-items: center;

    background: #000;

  }

  .carousel-track {

    display: flex;

    transition: transform 1s ease-in-out;

    width: 100%;

    animation: slide 9s linear infinite;

  }

  .carousel-track:hover {

    animation-play-state: paused;

  }

  .slide {

    width: 70%;

    flex-shrink: 0;

    height: auto;

    max-height: 400px;

    margin: 0 auto;

    border-radius: 10px;

    box-shadow: 0 4px 10px rgba(0, 0, 0, 0.5);

  }

  @keyframes slide {

    0% {

      transform: translateX(0);

    }

    100% {

      transform: translateX(-300%);

    }

  }

  /\* About Section \*/

  .about {

    display: flex;

    flex-wrap: wrap;

    justify-content: space-around;

    padding: 40px 20px;

    background: white;

    text-align: center;

    gap: 20px;

  }

  .column {

    flex: 1 1 300px;

    margin: 10px;

  }

  .column h3 {

    color: #333;

    margin-bottom: 10px;

  }

  .column p {

    color: #666;

    padding: 0 10px;

  }

  /\* Media Queries for Mobile \*/

  @media (max-width: 768px) {

    .nav-links {

      flex-direction: column;

      align-items: flex-start;

    }

    .nav-links li {

      width: 100%;

      text-align: left;

    }

    .about {

      flex-direction: column;

      padding: 20px;

    }

    .column {

      flex: 1 1 100%;

    }

  }

  footer{

    display:flex;

    align-items: center;

    justify-content: center;

    font-size: 1.3;

  }

**3)script.js**

let currentIndex = 0;

function showSlide(index) {

  const track = document.querySelector(".carousel-track");

  const slides = document.querySelectorAll(".slide");

  const slideWidth = slides[0].offsetWidth;

  if (index >= slides.length) currentIndex = 0;

  else currentIndex = index;

  track.style.transform = `translateX(-${slideWidth \* currentIndex}px)`;

}

setInterval(() => {

  showSlide(currentIndex + 1);

}, 7000);

window.onload = () => showSlide(0);

**4)Output**



