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Web Exercise – 3

1)

<u>Code:</u>

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Vertical Rectangles</title>
    <style>
        body {
            margin: 0;
            display: flex;
            flex-direction: column;
            justify-content: center;
            align-items: center;
            height: 100vh;
            background-color: white;
        }
        .rectangles {
            display: flex;
            flex-direction: column;
            gap: 10px;
        }
        .rectangle {
            width: 100px;
            height: 100px;
            background-color: red;
        }
```

```
      .text {

          font-size: 30px;

          font-weight: bold;

      }

   </style>

</head>

<body>

   <div class="text">Vertical Rectangles</div>

   <br>

   <div class="rectangles">

      <div class="rectangle"></div>

      <div class="rectangle"></div>

   </div>

</body>

</html>
```

Output:

2)

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Horizontal Rectangles</title>
    <style>
        body {
            margin: 0;
            display: flex;
            flex-direction: column;
            justify-content: center;
            align-items: center;
            height: 100vh;
            background-color: white;
        }
        .rectangles {
            display: flex;
            flex-direction: row;
            gap: 10px;
        }
        .rectangle {
            width: 100px;
            height: 100px;
            background-color: red;
        }
        .text {
            font-size: 30px;
            font-weight: bold;
        }
```

```
    </style>
</head>
<body>
    <div class="text">Horizontal Rectangles</div>
    <br>
    <div class="rectangles">
        <div class="rectangle"></div>
        <div class="rectangle"></div>
    </div>
</body>
</html>
```

Output:

---

3)

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Login</title>
    <style>
```

```css
body {
    font-family: Arial, sans-serif;
    background-color: #ffc0cb; /* Light pink background */
    margin: 0;
    display: flex;
    flex-direction: column;
    justify-content: center;
    align-items: center;
    height: 100vh;
}

.login-container {
    background-color: #fff;
    padding: 20px 30px;
    border-radius: 10px;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
    text-align: center;
    width: 300px;
}

.login-form h2 {
    margin-bottom: 20px;
    font-size: 24px;
    color: #333;
}

.input-group {
    margin-bottom: 15px;
    text-align: left;
}

.input-group label {
```

```css
    display: block;

    font-size: 14px;

    margin-bottom: 5px;

    color: #555;

}


.input-group input {

    width: 100%;

    padding: 10px;

    font-size: 14px;

    border: 1px solid #ccc;

    border-radius: 5px;

    outline: none;

    transition: border-color 0.3s;

}


.input-group input:focus {

    border-color: #007bff;

}


.login-button {

    width: 100%;

    padding: 10px;

    font-size: 16px;

    color: #fff;

    background-color: #007bff; /* Blue color */

    border: none;

    border-radius: 5px;

    cursor: pointer;

    transition: background-color 0.3s;

}
```

```
.login-button:hover {

    background-color: #0056b3;

}


.forgot-password {

    display: inline-block;

    margin-top: 10px;

    font-size: 14px;

    color: #007bff;

    text-decoration: none;

}


.forgot-password:hover {

    text-decoration: underline;

}
</style>
</head>
<body>
  <div>
    <b style="font-size: 30px;">LOGIN PAGE:</b>
  </div>
  <div class="login-container">
    <form class="login-form">
      <h2>Login</h2>
      <div class="input-group">
        <label for="username">Username</label>
        <input type="text" id="username" placeholder="Enter your username" required>
      </div>
      <div class="input-group">
        <label for="password">Password</label>
        <input type="password" id="password" placeholder="Enter your password" required>
      </div>
```

```html
            <button type="submit" class="login-button">Login</button>

            <a href="#" class="forgot-password">Forgot Password?</a>

        </form>

    </div>

</body>

</html>
```

Output:

4)

Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Dropdown Menu</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            margin: 0;
            background-color: #f4f4f4;
        }

        nav {
            background-color: #333;
            padding: 10px 20px;
            display: flex;
            align-items: center;
            justify-content: center;
        }

        nav ul {
            list-style: none;
            margin: 0;
            padding: 0;
            display: flex;
        }

        nav ul li {
            position: relative;
```

```css
    margin: 0 15px;
}

nav ul li a {
    text-decoration: none;
    color: white;
    font-size: 16px;
    transition: color 0.3s;
}

nav ul li a:hover {
    color: #00bcd4;
}

nav ul li ul {
    display: none;
    position: absolute;
    top: 35px;
    left: 0;
    background-color: #444;
    padding: 10px 0;
    border-radius: 5px;
    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.2);
    z-index: 100;
}

nav ul li ul li {
    margin: 0;
}

nav ul li ul li a {
    padding: 10px 20px;
```

```html
      display: block;

      color: white;

      white-space: nowrap;

    }


    nav ul li ul li a:hover {

      background-color: #555;

    }


    nav ul li:hover ul {

      display: block;

    }
  </style>
</head>
<body>
  <nav>
    <ul>
      <li><a href="#">Home</a></li>
      <li>
        <a href="#">Services</a>
        <ul>
          <li><a href="#">Web Design</a></li>
          <li><a href="#">SEO</a></li>
          <li><a href="#">Marketing</a></li>
        </ul>
      </li>
      <li><a href="#">About</a></li>
      <li><a href="#">Contact</a></li>
    </ul>
  </nav>

  <div style="text-align: center; font-size: 30px; padding: 200px;">
```

```
      Welcome to Nikhil's website

   </div>

</body>

</html>
```

Output:

5)

Code:

```html
<!DOCTYPE html>

<html lang="en">

<head>

   <meta charset="UTF-8">

   <meta name="viewport" content="width=device-width, initial-scale=1.0">

   <title>Vertical Navigation Menu</title>

   <style>

      body {

         font-family: Arial, sans-serif;

         margin: 0;

         background-color: #f9f9f9;

         display: flex;

         justify-content: center;

         align-items: center;
```
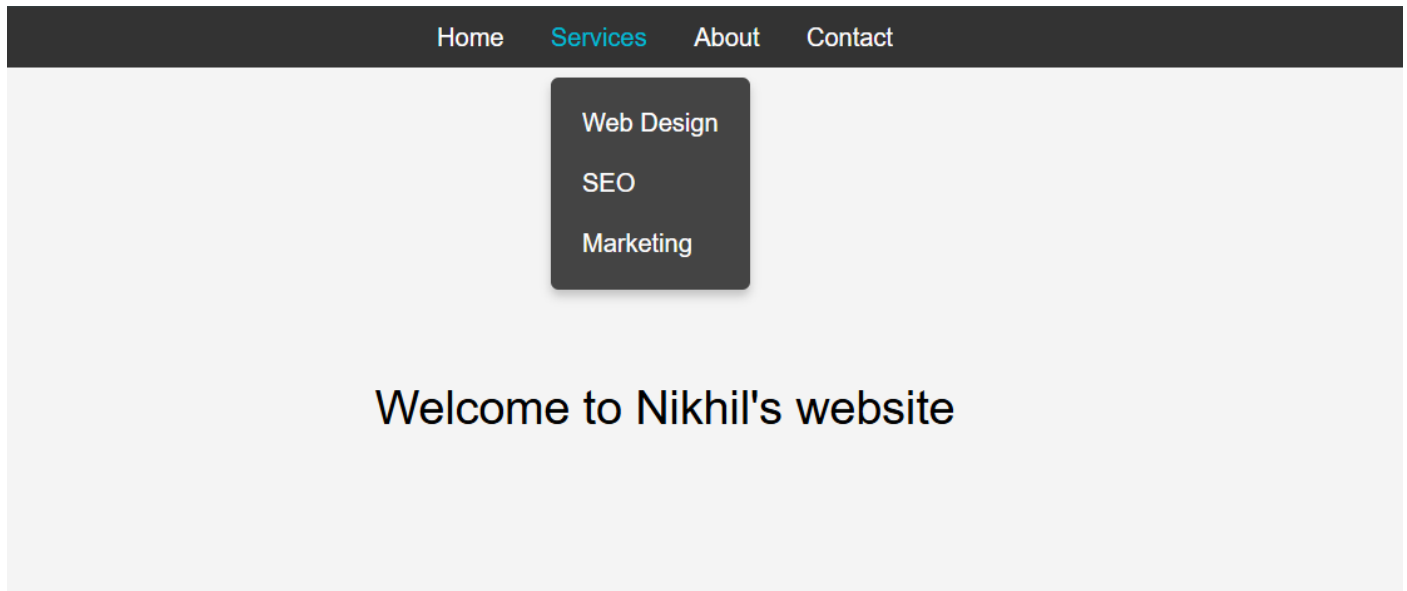
```
            height: 100vh;
        }

        .vertical-menu {
            width: 200px;
            background-color: #333;
            border-radius: 10px;
            overflow: hidden;
            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
        }

        .vertical-menu a {
            display: block;
            color: white;
            padding: 15px 20px;
            text-decoration: none;
            transition: background-color 0.3s ease;
            font-size: 16px;
        }

        .vertical-menu a:hover {
            background-color: #575757;
        }

        .vertical-menu a.active {
            background-color: #00bcd4; /* Highlighted background */
            font-weight: bold;
        }
    </style>
</head>
<body>
    <div class="vertical-menu">
```

```
        <a href="#" class="active">Home</a>

        <a href="#">Services</a>

        <a href="#">About</a>

        <a href="#">Portfolio</a>

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

    </div>

</body>

</html>
```
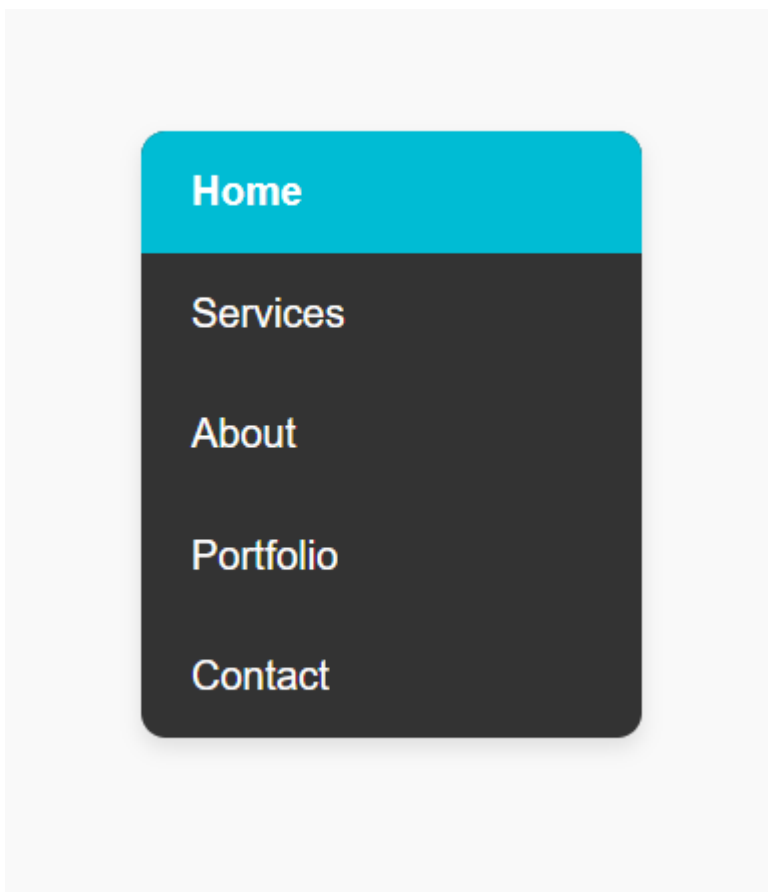
Output:

6)

Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Projector Splash Screen</title>
    <style>
        body {
            margin: 0;
            padding: 0;
            display: flex;
            justify-content: center;
            align-items: center;
            height: 100vh;
            background: #f5f5f5;
        }

        .screen {
            width: 800px;
            height: 450px;
            background: linear-gradient(145deg, #e3e3e3, #d5d5d5);
            border: 1px solid #ccc;
            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
            position: relative;
            display: flex;
            justify-content: center;
            align-items: center;
            overflow: hidden;
        }
```

```css
.logo {
    font-family: Arial, sans-serif;
    font-size: 48px;
    font-weight: bold;
    color: #ffffff;
    text-shadow: 0 0 10px rgba(0, 0, 0, 0.5);
}

.qr-info {
    position: absolute;
    bottom: 20px;
    left: 20px;
    font-family: Arial, sans-serif;
    font-size: 12px;
    color: #000;
}

.qr-info .qr-code {
    width: 60px;
    height: 60px;
    background: #ddd;
    display: inline-block;
    margin-right: 10px;
}

.info-text {
    display: inline-block;
}

.vga-info {
    position: absolute;
    bottom: 20px;
```

```
        right: 20px;

        text-align: right;

        font-family: Arial, sans-serif;

        font-size: 12px;

        color: #000;

      }

    </style>

  </head>

  <body>

    <div class="screen">

      <div class="logo">acer</div>

      <div class="qr-info">

        <div class="qr-code"></div>

        <div class="info-text">

          <img style="height: 50px; width: 50px;" src="qr.png">

          X1223H<br>

          Projector Information

        </div>

      </div>

      <div class="vga-info">

        <img style="height: 50px; width: 50px;" src="hdmi.png">

        No Signal<br>

        VGA IN

      </div>

    </div>

  </body>

</html>
```

Output: