WEB PROGRAMMING

EXERCISE-3

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SLOT: L11 + L12 +L19 +L20

PROBLEM 1:

CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Vertical Red Squares</title>
</head>
<body>
  <div style="display: flex; flex-direction: column; gap: 20px;">
    <div style="width: 100px; height: 100px; background-color: #ff0000;"></div>
    <div style="width: 100px; height: 100px; background-color: #ff0000;"></div>
  </div>
</body>
</html>
```

SCREENSHOT:

PROBLEM 2:

CODE:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Red Squares</title>

</head>

<body>

    <div style="display: flex; gap: 20px;">

        <div style="width: 100px; height: 100px; background-color: #ff0000;"></div>

        <div style="width: 100px; height: 100px; background-color: #ff0000;"></div>

    </div>

</body>

</html>
```
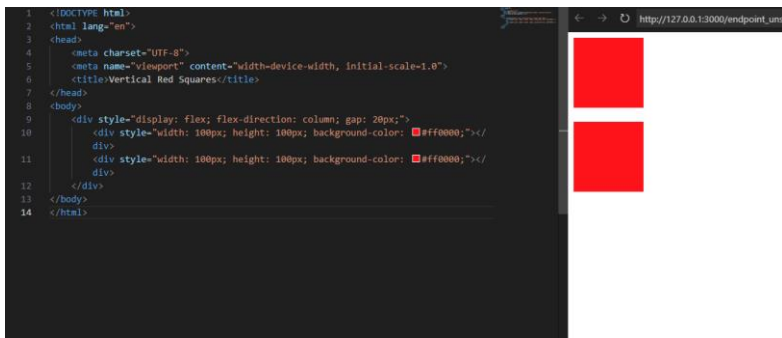
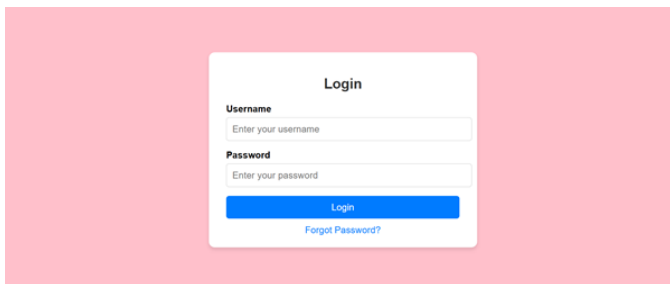SCREENSHOT:

```
1   <!DOCTYPE html>
2   <html lang="en">
3   <head>
4       <meta charset="UTF-8">
5       <meta name="viewport" content="width=device-width, initial-scale=1.0">
6       <title>Red Squares</title>
7   </head>
8   <body>
9       <div style="display: flex; gap: 20px;">
10          <div style="width: 100px; height: 100px; background-color: #ff0000;"></
            div>
11          <div style="width: 100px; height: 100px; background-color: #ff0000;"></
            div>
12      </div>
13  </body>
14  </html>
```

← → ↻ http://127.0.0.1:3000/endpoint_uns

PROBLEM 3:

Login

Username

Enter your username

Password

Enter your password

Login

Forgot Password?

CODE:

<!DOCTYPE html>

<html lang="en">

<head>

   <meta charset="UTF-8">

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

   <title>Login Form</title>

   <style>

      body {

         background-color: pink;

         display: flex;

         justify-content: center;

         align-items: center;

         height: 100vh;

         margin: 0;

      }

      .login-box {

         background-color: white;

         padding: 20px;

         border-radius: 10px;

```css
      width: 300px;
    }
    .login-box h2 {
      text-align: center;
      margin-bottom: 20px;
    }
    input {
      width: 100%;
      padding: 8px;
      margin: 8px 0;
      border: 1px solid #ddd;
      border-radius: 4px;
      box-sizing: border-box;
    }
    .login-btn {
      width: 100%;
      padding: 10px;
      background-color: #007bff;
      color: white;
      border: none;
      border-radius: 4px;
      cursor: pointer;
    }
    .forgot-password {
      text-align: center;
      margin-top: 10px;
    }
    .forgot-password a {
      color: #007bff;
      text-decoration: none;
    }
  </style>
</head>
<body>
  <div class="login-box">
    <h2>Login</h2>
```
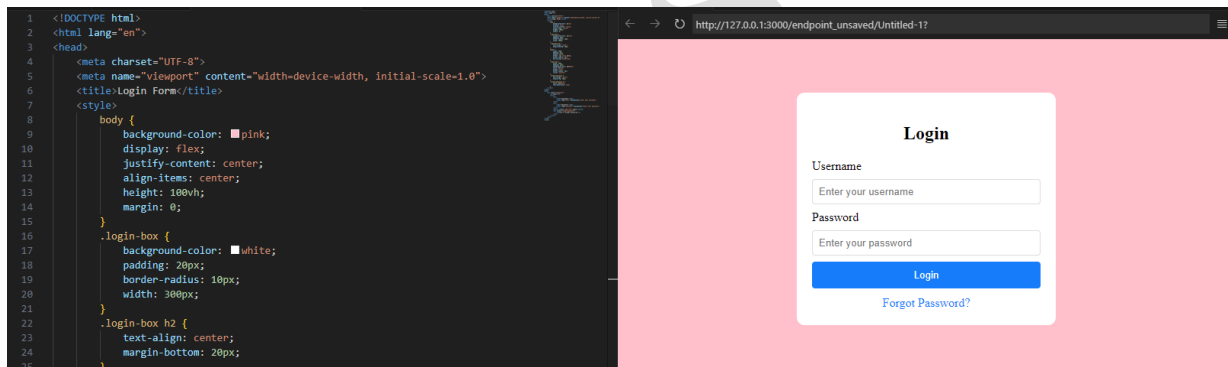
```html
  <form>

    <div>

      <label>Username</label>

      <input type="text" placeholder="Enter your username">

    </div>

    <div>

      <label>Password</label>

      <input type="password" placeholder="Enter your password">

    </div>

    <button class="login-btn">Login</button>

    <div class="forgot-password">

      <a href="#">Forgot Password?</a>

    </div>

  </form>

  </div>

</body>

</html>
```
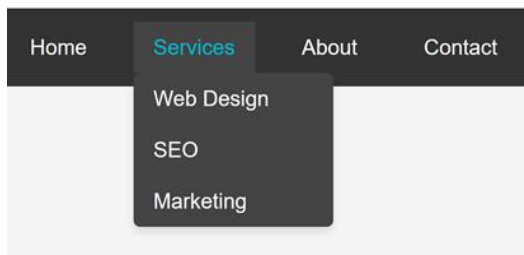
SCREENSHOT:

PROBLEM 4:

23BPS1178

CODE:

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Navigation Menu</title>
  <style>
    .navbar {
      background-color: #333;
      padding: 15px;
    }

    .navbar a {
      color: white;
      text-decoration: none;
      padding: 15px 25px;
      font-family: Arial, sans-serif;
    }

    .dropdown {
      position: relative;
      display: inline-block;
    }

    .dropdown-content {
      display: none;
      position: absolute;
      background-color: #444;
      min-width: 160px;
```

```
      box-shadow: 0px 8px 16px rgba(0,0,0,0.2);

    }


    .dropdown-content a {

      color: white;

      padding: 12px 16px;

      display: block;

    }


    .dropdown:hover .dropdown-content {

      display: block;

    }


    .dropdown-content a:hover {

      background-color: #555;

    }


    .services {

      color: #00ffff;  /* Bright cyan color for Services */

    }

  </style>

</head>

<body>

  <div class="navbar">

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

    <div class="dropdown">

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

      <div class="dropdown-content">

        <a href="#">Web Design</a>

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

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

      </div>

    </div>

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

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

  </div>
```
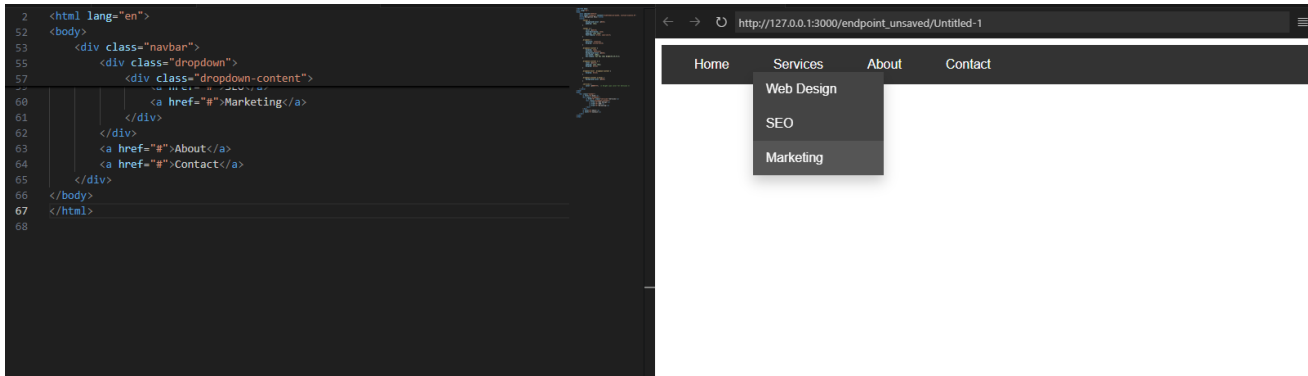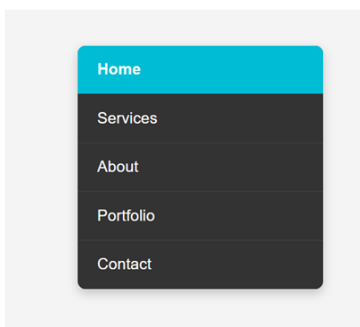
```
</body>

</html>
```

SCREENSHOT:

PROBLEM 5:

CODE:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Vertical Menu</title>

  <style>

    body {

      display: flex;

      justify-content: center;

      align-items: center;

      height: 100vh;

      background-color: #f0f0f0;

      margin: 0;
```

```css
    }

    .menu {
      width: 200px;
      border-radius: 10px;
      overflow: hidden;
      box-shadow: 0 2px 10px rgba(0,0,0,0.1);
    }

    .menu a {
      display: block;
      padding: 15px 20px;
      text-decoration: none;
      color: white;
      background-color: #333;
      font-family: Arial, sans-serif;
    }

    .menu a:first-child {
      background-color: #00bcd4;  /* Turquoise color for Home */
    }

    .menu a:hover {
      background-color: #444;
    }

    .menu a:first-child:hover {
      background-color: #00acc1;  /* Darker turquoise for Home hover */
    }
  </style>
</head>
<body>
  <div class="menu">
    <a href="#">Home</a>
    <a href="#">Services</a>
    <a href="#">About</a>
```

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

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

  </div>

</body>

</html>
```

SCREENSHOT:
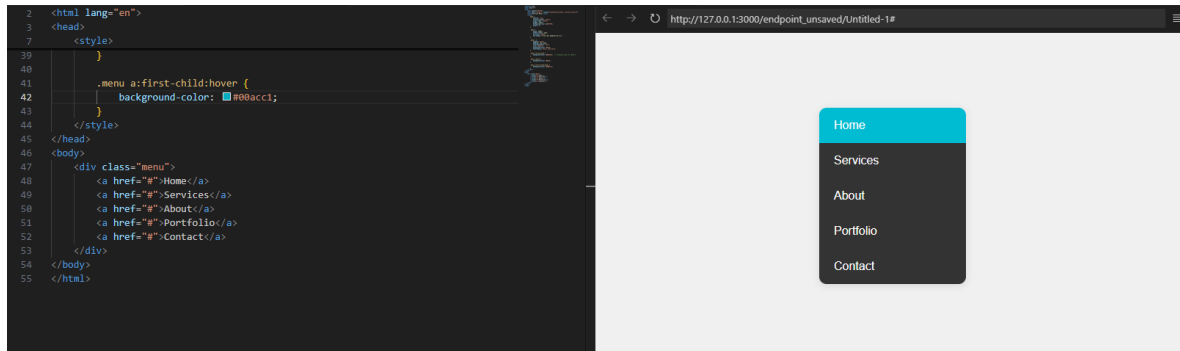
PROBLEM 6:

CODE:

```html
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Acer Projector Screen</title>

  <style>

    body {

      background-color: #1a1a1a;  /* Darker background */

      display: flex;

      justify-content: center;

      align-items: center;

      height: 100vh;
```

```css
    margin: 0;

    font-family: Arial, sans-serif;

    color: #fff;

    position: relative;

}


.projector-screen {

    width: 800px;

    height: 400px;

    position: relative;

}


.acer-logo {

    position: absolute;

    top: 50%;

    left: 50%;

    transform: translate(-50%, -50%);

    font-size: 48px;

    letter-spacing: 2px;

    font-weight: lighter;

}


.bottom-left {

    position: absolute;

    bottom: 20px;

    left: 20px;

    display: flex;

    align-items: center;

    gap: 10px;

    font-size: 14px;

}


.qr-code {

    width: 50px;

    height: 50px;

    background-color: #fff;
```

```css
    display: flex;

    justify-content: center;

    align-items: center;

  }


  .bottom-right {

    position: absolute;

    bottom: 20px;

    right: 20px;

    font-size: 14px;

    text-align: right;

  }


  .glowing-text {

    text-shadow: 0 0 10px rgba(255, 255, 255, 0.7);

    color: #ffffff;

  }


  /* QR Code CSS */

  .qr-code {

    display: grid;

    grid-template-columns: repeat(5, 1fr);

    padding: 5px;

    background-color: white;

  }


  .qr-cell {

    width: 8px;

    height: 8px;

    background-color: transparent;

  }


  .qr-cell.black {

    background-color: black;

  }

</style>
```

```html
</head>

<body>

  <div class="projector-screen">

    <div class="acer-logo glowing-text">acer</div>

    <div class="bottom-left">

      <div class="qr-code">

        <!-- Simple QR code pattern -->

        <div class="qr-cell black"></div>

        <div class="qr-cell black"></div>

        <div class="qr-cell black"></div>

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

        <div class="qr-cell black"></div>


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

        <div class="qr-cell black"></div>

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        <div class="qr-cell black"></div>

        <div class="qr-cell black"></div>

        <div class="qr-cell black"></div>

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

        <div class="qr-cell black"></div>
```

```
        </div>

        <div>

            X1223H<br>

            Projector Information

        </div>

    </div>

    <div class="bottom-right">

        No Signal<br>

        VGA IN

    </div>

  </div>

</body>

</html>
```

SCREENSHOT: