EXPERIMENT 3-Recitation
1. Design a Pricing Plans Layout Page
HTMLCode:

```html
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <title>Pricing Plans</title>
   <link rel="stylesheet" href="style1.css">
</head>
<body>

   <h1>Pricing Plans</h1>

   <div class="pricing-container">

      <div class="pricing-card basic-plan">
         <h2>Basic</h2>
         <p>$9/month</p>
      </div>

      <div class="pricing-card pro-plan">
         <h2>Pro</h2>
         <p>$19/month</p>
      </div>

      <div class="pricing-card premium-plan">
         <h2>Premium</h2>
         <p>$29/month</p>
      </div>

   </div>

</body>
</html>
```

CSS Code:

```css
body {
   font-family: Arial, sans-serif;
   padding: 20px;
   background-color: #f4f6f8;
}

/* Heading */
h1 {
```

```css
    text-align: center;
    color: #333;
}

/* Pricing container */
.pricing-container {
    display: flex;
    flex-wrap: wrap;
    gap: 20px;
    justify-content: center;
}

/* Common pricing card */
.pricing-card {
    display: flex;
    flex-direction: column;
    justify-content: space-between;
    flex: 0 0 200px;
    border: 2px solid black;
    padding: 20px;
    text-align: center;
    border-radius: 8px;
    color: #333;
}

/* Basic plan */
.basic-plan {
    order: 0;
    background-color: #e3f2fd;   /* Light blue */
}

/* Pro plan */
.pro-plan {
    order: 1;
    flex-grow: 2;   /* Takes more space */
    background-color: #e8f5e9;   /* Light green */
}

/* Premium plan */
.premium-plan {
    order: 2;
    background-color: #fff3e0;   /* Light orange */
}
```

```css
/* Text styling */
.pricing-card h2 {
    margin-bottom: 10px;
}

.pricing-card p {
    font-size: 18px;
    font-weight: bold;
}
```

2. Build a Page of Playing Cards

HTMLCode:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Playing Cards</title>
    <link rel="stylesheet" href="style2.css">
</head>
<body>

    <main id="playing-cards">

        <div class="card">
            <div class="left">A♠</div>
            <div class="middle">♠</div>
            <div class="right">A♠</div>
        </div>

        <div class="card">
            <div class="left">K♥</div>
            <div class="middle">♥</div>
            <div class="right">K♥</div>
        </div>

        <div class="card">
            <div class="left">Q♦</div>
            <div class="middle">♦</div>
            <div class="right">Q♦</div>
        </div>

    </main>

</body>
</html>
```

CSS Code:

```css
body {
    font-family: Arial, sans-serif;
    background-color: #eef2f7;
    padding: 20px;
}

/* Container */
#playing-cards {
    display: flex;
    justify-content: center;
    flex-wrap: wrap;
    gap: 20px;
}

/* Card */
.card {
    display: flex;
    justify-content: space-between;
    width: 180px;
    height: 250px;
    padding: 15px;
    background-color: white;
    border: 2px solid black;
    border-radius: 12px;
    font-size: 20px;
}

/* Left */
.left {
    align-self: flex-start;
    font-weight: bold;
}

/* Middle (BIG symbol) */
.middle {
    align-self: center;
    display: flex;
    flex-direction: column;
    font-size: 70px;
}
```

```css
/* Right */
.right {
   align-self: flex-end;
   font-weight: bold;
   transform: rotate(180deg);
}

/* Suit colors */
.card:nth-child(1) {
   color: black;     /* Spades */
}

.card:nth-child(2) {
   color: red;       /* Hearts */
}

.card:nth-child(3) {
   color: red;       /* Diamonds should be red */
}
```

3. Build a Technical Documentation Page

HTMLCode:

```html
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <title>Web Development Documentation</title>
   <link rel="stylesheet" href="style3.css">
</head>
<body>

   <nav id="navbar">
     <header>Web Development Documentation</header>
     <a class="nav-link" href="#HTML_Basics">HTML Basics</a>
     <a class="nav-link" href="#HTML_Elements">HTML Elements</a>
     <a class="nav-link" href="#CSS_Basics">CSS Basics</a>
     <a class="nav-link" href="#Flexbox">Flexbox</a>
     <a class="nav-link" href="#Media_Queries">Media Queries</a>
   </nav>

   <main id="main-doc">

     <section class="main-section" id="HTML_Basics">
```

```html
    <header>HTML Basics</header>
    <p>HTML stands for HyperText Markup Language.</p>
    <p>It is used to create web page structure.</p>
    <code>&lt;h1&gt;Hello&lt;/h1&gt;</code>
    <ul>
        <li>Simple syntax</li>
        <li>Platform independent</li>
    </ul>
</section>

<section class="main-section" id="HTML_Elements">
    <header>HTML Elements</header>
    <p>Elements define the content on web pages.</p>
    <p>They consist of opening and closing tags.</p>
    <code>&lt;p&gt;Paragraph&lt;/p&gt;</code>
    <code>&lt;a href="#"&gt;Link&lt;/a&gt;</code>
    <ul>
        <li>Block elements</li>
        <li>Inline elements</li>
    </ul>
</section>

<section class="main-section" id="CSS_Basics">
    <header>CSS Basics</header>
    <p>CSS styles the HTML content.</p>
    <p>It controls colors, layout, and fonts.</p>
    <code>color: blue;</code>
    <ul>
        <li>Inline CSS</li>
        <li>External CSS</li>
    </ul>
</section>

<section class="main-section" id="Flexbox">
    <header>Flexbox</header>
    <p>Flexbox is a one-dimensional layout model.</p>
    <p>It aligns items efficiently.</p>
    <code>display: flex;</code>
    <ul>
        <li>Row direction</li>
        <li>Column direction</li>
    </ul>
</section>
```

```html
        <section class="main-section" id="Media_Queries">
            <header>Media Queries</header>
            <p>Media queries make pages responsive.</p>
            <p>They adapt layout for devices.</p>
            <code>@media (max-width: 768px)</code>
            <ul>
                <li>Mobile layout</li>
                <li>Tablet layout</li>
            </ul>
        </section>

    </main>

</body>
</html>
```

CSS Code:

```css
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

body {
    font-family: Arial, sans-serif;
    display: flex;
}

/* Navbar */
#navbar {
    position: fixed;
    left: 0;
    top: 0;
    width: 250px;
    height: 100vh;
    background-color: #2c3e50;
    padding: 20px;
}

#navbar header {
    color: white;
    font-size: 20px;
    margin-bottom: 20px;
}
```

```css
.nav-link {
    display: block;
    color: #d1d5db;
    text-decoration: none;
    margin: 10px 0;
}

.nav-link:hover {
    color: white;
}

/* Main content */
#main-doc {
    margin-left: 270px;
    padding: 20px;
}

.main-section {
    margin-bottom: 40px;
}

.main-section header {
    font-size: 24px;
    margin-bottom: 10px;
}

p {
    margin-bottom: 10px;
}

code {
    display: block;
    background: #f3f4f6;
    padding: 8px;
    margin: 8px 0;
}

ul {
    margin-left: 20px;
}

/* Media Query */
@media (max-width: 768px) {
    body {
```

```
      flex-direction: column;
   }

   #navbar {
      position: relative;
      width: 100%;
      height: auto;
   }

   #main-doc {
      margin-left: 0;
   }
}
```

4. A Newspaper Layout
HTMLCode:
```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <title>Avonlea Times</title>
   <link rel="stylesheet" href="style4.css">
</head>
<body>

<main class="newspaper-layout">

   <!-- Title -->
   <header class="title">
      <h1>The Avonlea Times</h1>
   </header>

   <!-- Feature Article -->
   <article class="feature-article">
      <h2>Anne Shirley Arrives in Avonlea</h2>
      <p>The small town of Avonlea welcomes a spirited orphan girl, Anne Shirley, whose
imagination and bold personality begin to transform the lives of everyone around her.</p>
   </article>

   <!-- Cover Image -->
   <figure class="cover-image">
      <img
src="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcTvyfWUZ8fUAYtwb78nzIQ5Noyl
NOyXiuX80Q&s" alt="Anne with an E">
```

```html
    </figure>

    <!-- Secondary Article -->
    <article class="secondary-article">
        <h2>Marilla and Matthew's Unexpected Journey</h2>
        <p>Marilla and Matthew Cuthbert experience unexpected joy and challenges as they
adjust to life with Anne at Green Gables.</p>
    </article>

    <!-- Small Articles -->
    <article class="small-article1">
        <h3>Diana Barry: A Kindred Spirit</h3>
        <p>Anne forms a deep bond with Diana Barry, marking the beginning of an unforgettable
friendship.</p>
    </article>

    <article class="small-article2">
        <h3>Life at Avonlea School</h3>
        <p>Anne's school days are filled with learning, rivalry with Gilbert Blythe, and memorable
adventures.</p>
    </article>

    <article class="small-article3">
        <h3>The Beauty of Green Gables</h3>
        <p>The scenic beauty of Prince Edward Island provides the perfect backdrop for Anne's
imaginative world.</p>
    </article>

</main>

</body>
</html>
```

CSS Code:

```css
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

body {
    font-family: Georgia, serif;
    background-color: #f4f1ea;
    padding: 20px;
}
```

```css
/* Grid Layout */
.newspaper-layout {
    display: grid;
    grid-template-areas:
        "title title title"
        "feature-article feature-article cover-image"
        "secondary-article secondary-article cover-image"
        "small-article1 small-article2 small-article3";
    grid-template-columns: repeat(3, 1fr);
    grid-template-rows: auto 1fr 1fr 1fr;
    gap: 20px;
}

/* Grid Areas */
.title {
    grid-area: title;
    background-color: #5a3e2b;
    color: white;
    text-align: center;
    padding: 20px;
}

.feature-article {
    grid-area: feature-article;
    background-color: #ffffff;
    padding: 20px;
}

.secondary-article {
    grid-area: secondary-article;
    background-color: #ffffff;
    padding: 20px;
}

.cover-image {
    grid-area: cover-image;
    text-align: center;
    padding: 10px;
    background-color: #ddd;
}

.cover-image img {
    Width: 600px ;
```

```css
Height: 400px;

}

.small-article1 {
    grid-area: small-article1;
    background-color: #ffffff;
    padding: 15px;
}

.small-article2 {
    grid-area: small-article2;
    background-color: #ffffff;
    padding: 15px;
}

.small-article3 {
    grid-area: small-article3;
    background-color: #ffffff;
    padding: 15px;
}

h2, h3 {
    margin-bottom: 10px;
}
```

5. Build a Product Landing Page
HTMLCode:

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <title>Spider-Man Hoodie</title>
  <link rel="stylesheet" href="style5.css" />
</head>

<body>

  <!-- HEADER -->
  <header id="header">
    <img
      id="header-img"
```

```html
src="https://img.freepik.com/premium-vector/stylish-spider-mascot-logo-gaming-esports-teams_
1396716-346.jpg"
      alt="Spider Logo"
    />

    <nav id="nav-bar">
      <a class="nav-link" href="#features">Features</a>
      <a class="nav-link" href="#video-section">Demo</a>
      <a class="nav-link" href="#signup">Contact</a>
    </nav>
  </header>

  <!-- CONTENT -->
  <div class="container">

    <!-- HERO -->
    <section class="hero">
      <h1>Spider-Man Limited Edition Hoodie</h1>
      <p>Unleash your inner hero with style and comfort</p>
    </section>

    <!-- FEATURES -->
    <section id="features">
      <div class="feature">
        <h3>Premium Fabric</h3>
        <p>Soft, breathable cotton blend for all-day comfort.</p>
      </div>
      <div class="feature">
        <h3>Iconic Design</h3>
        <p>Bold Spider-Man graphics with detailed stitching.</p>
      </div>
      <div class="feature">
        <h3>All Weather Wear</h3>
        <p>Perfect for winter layering and cool evenings.</p>
      </div>
    </section>

    <!-- IMAGE → YOUTUBE VIDEO -->
    <section id="video-section" class="video-section">
      <a

href="https://www.youtube.com/watch?v=H8smc46hopY&pp=ygUdYW1hemluZyBzcGlkZXIgbW
FuIGd3ZW4gZGVhdGg%3D"
```

```
      target="_blank"
    >
      <img

src="https://assets.myntassets.com/h_1440,q_75,w_1080/v1/assets/images/26725734/2023/12/
30/56dd2761-c738-4076-881b-372d265ba46b1703916631302TheSouledStoreMenBlackPrinted
HoodedSweatshirt1.jpg"
        alt="Spider-Man Hoodie Video"
        class="video-thumbnail"
      />
    </a>
    <p>Click the hoodie to watch the demo</p>
  </section>

  <!-- SIGNUP -->
  <section id="signup" class="signup">
    <h2>Get Updates</h2>

    <form
      id="form"
      action="https://www.freecodecamp.org/email-submit"
      method="post"
    >
      <input
        id="email"
        type="email"
        name="email"
        placeholder="Enter your email"
        required
      />

      <input
        id="submit"
        type="submit"
        value="Buy Now"
      />
    </form>
  </section>

  </div>

</body>
</html>
CSS Code:
```

```css
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

body {
  font-family: Arial, Helvetica, sans-serif;
  background: linear-gradient(to bottom, #000000, #1a0000);
  color: white;
}

/* HEADER */
#header {
  position: fixed;
  top: 0;
  width: 100%;
  background: linear-gradient(90deg, #8b0000, #000000);
  display: flex;
  justify-content: space-between;
  align-items: center;
  padding: 12px 30px;
  z-index: 1000;
}

#header-img {
  width: 60px;
}

#nav-bar {
  display: flex;
  gap: 20px;
}

.nav-link {
  color: white;
  text-decoration: none;
  font-weight: bold;
}

.nav-link:hover {
  color: #ff3c3c;
}
```

```css
/* MAIN CONTAINER */
.container {
  padding-top: 130px;
  max-width: 1100px;
  margin: auto;
  padding-left: 20px;
  padding-right: 20px;
}

/* HERO */
.hero {
  text-align: center;
  padding: 50px 20px;
  background: #1a0000;
  border-radius: 10px;
  margin-bottom: 40px;
  box-shadow: 0 0 20px rgba(255, 0, 0, 0.4);
}

/* FEATURES */
#features {
  display: flex;
  gap: 20px;
  margin-bottom: 40px;
}

.feature {
  flex: 1;
  background: #260000;
  padding: 25px;
  text-align: center;
  border-radius: 10px;
  transition: transform 0.3s;
}

.feature:hover {
  transform: translateY(-6px);
}

/* VIDEO IMAGE */
.video-section {
  text-align: center;
  margin-bottom: 40px;
}
```

```css
.video-thumbnail {
  width: 100%;
  max-width: 700px;
  border-radius: 12px;
  border: 3px solid #8b0000;
  cursor: pointer;
  transition: transform 0.3s ease, box-shadow 0.3s ease;
}

.video-thumbnail:hover {
  transform: scale(1.03);
  box-shadow: 0 0 25px rgba(255, 0, 0, 0.6);
}

/* FORM */
.signup {
  background: #1a0000;
  padding: 35px;
  text-align: center;
  border-radius: 10px;
}

#form {
  display: flex;
  flex-direction: column;
  gap: 15px;
  max-width: 400px;
  margin: auto;
}

#email {
  padding: 12px;
  border-radius: 6px;
  border: none;
}

#submit {
  padding: 12px;
  border-radius: 6px;
  border: none;
  background: #ff0000;
  color: white;
  font-weight: bold;
```
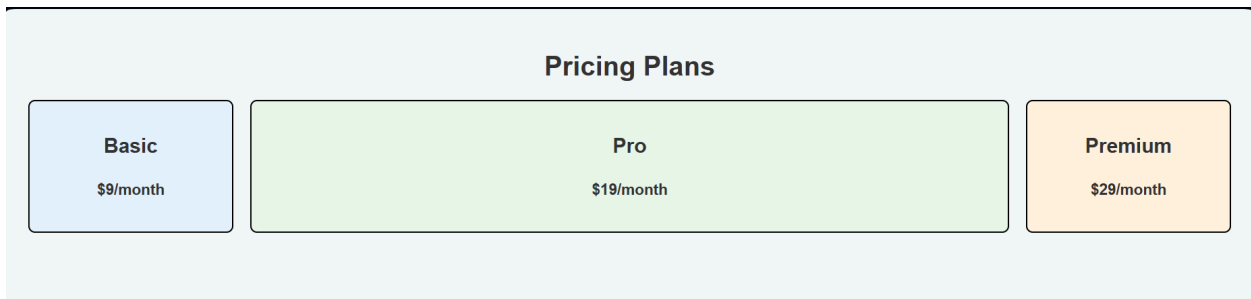
```css
    cursor: pointer;
}

#submit:hover {
  background: #cc0000;
}

/* RESPONSIVE */
@media (max-width: 768px) {
  #features {
    flex-direction: column;
  }
}
```
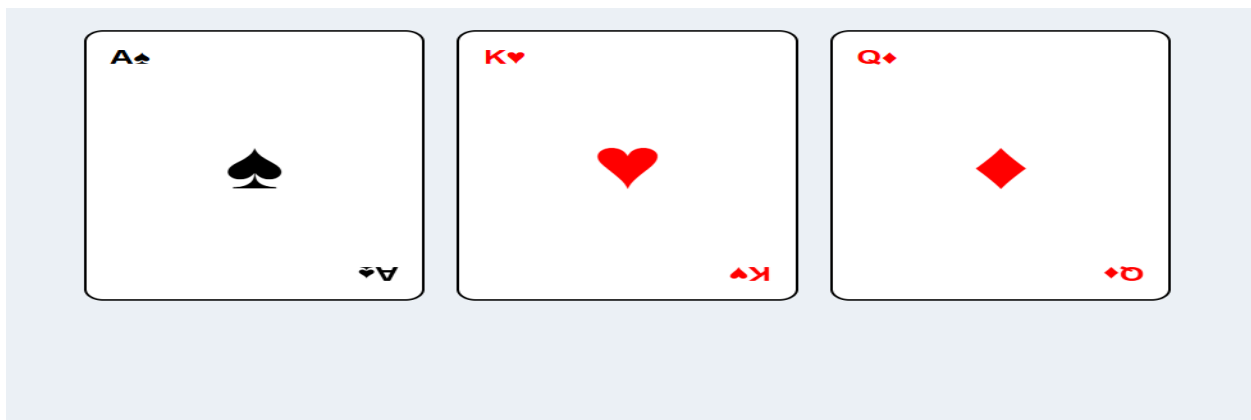
OUTPUTS:

1. Design a Pricing Plans Layout Page

Pricing Plans

Basic	Pro	Premium
$9/month	$19/month	$29/month

2. Build a Page of Playing Cards

A♠	K♥	Q♦
♠	♥	♦

3 Build a Technical Documentation Page

Web Development Documentation

- HTML Basics
- HTML Elements
- CSS Basics
- Flexbox
- Media Queries

HTML Basics

HTML stands for HyperText Markup Language.

It is used to create web page structure.

```
<h1>Hello</h1>
```

- Simple syntax
- Platform independent

HTML Elements

Elements define the content on web pages.

They consist of opening and closing tags.

```
<p>Paragraph</p>
```

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

- Block elements
- Inline elements

CSS Basics

CSS styles the HTML content.

It controls colors, layout, and fonts.

```
color: blue;
```

- Inline CSS
- External CSS

Web Development Documentation

- HTML Basics
- HTML Elements
- CSS Basics
- Flexbox
- Media Queries

CSS styles the HTML content.

It controls colors, layout, and fonts.

```
color: blue;
```

- Inline CSS
- External CSS

Flexbox

Flexbox is a one-dimensional layout model.

It aligns items efficiently.

```
display: flex;
```

- Row direction
- Column direction

Media Queries

Media queries make pages responsive.

They adapt layout for devices.

```
@media (max-width: 768px)
```

- Mobile layout
- Tablet layout

4. A Newspaper Layout

The Avonlea Times

Anne Shirley Arrives in Avonlea

The small town of Avonlea welcomes a spirited orphan girl, Anne Shirley, whose imagination and bold personality begin to transform the lives of everyone around her.

Marilla and Matthew's Unexpected Journey

Marilla and Matthew Cuthbert experience unexpected joy and challenges as they adjust to life with Anne at Green Gables.

Diana Barry: A Kindred Spirit

Anne forms a deep bond with Diana Barry, marking the beginning of an unforgettable friendship.

Life at Avonlea School

Anne's school days are filled with learning, rivalry with Gilbert Blythe, and memorable adventures.

The Beauty of Green Gables

The scenic beauty of Prince Edward Island provides the perfect backdrop for Anne's imagi

5. Build a Product Landing Page

Features Demo Contact

Spider-Man Limited Edition Hoodie

Unleash your inner hero with style and comfort.

Premium Fabric
Soft, breathable cotton blend for all-day comfort.

Iconic Design
Bold Spider-Man graphics with detailed stitching.

All Weather Wear
Perfect for winter layering and cool evenings.

Click the hoodie to watch the demo

Get Updates

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