

EXPERIMENT 2-Recitation

1. Design a Business Card

HTMLCode:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Business Card</title>
  <link rel="stylesheet" href="2Q1.css">
</head>
<body>

  <div class="business-card">

    <p class="full-name">Tanvi Patil</p>
    <p class="designation">Civil</p>
    <p class="company">TP Constructions</p>

    <hr>

    <p>patil@gmail.com</p>
    <p>+91 98765 43210</p>

    <a
      href="https://example.com"
      class="portfolio-link"
      target="_blank"
    >
      Portfolio
    </a>

    <hr>

    <div class="social-media">
      <h2>Connect with me</h2>
```

```
    <a href="https://twitter.com" target="_blank">Twitter</a><br>
    <a href="https://linkedin.com" target="_blank">LinkedIn</a><br>
    <a href="https://github.com" target="_blank">GitHub</a>
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

CSS Code:

```
body {
    background-color: #dfbda2;
    font-family: Arial, sans-serif;
}
```

```
.business-card {
    width: 300px;
    background-color: #ffffff;
    padding: 20px;
    margin-top: 100px;
    margin-left: auto;
    margin-right: auto;
    text-align: center;
    font-size: 16px;
}
```

```
.profile-image {
    max-width: 100%;
}
```

```
p {
    margin-top: 5px;
    margin-bottom: 5px;
}
```

```
a {
    text-decoration: none;
    color: #333;
}
```

```
.social-media a {
    display: inline-block;
```

```
margin: 5px 0;
}
```

2. Build a Stylized To-Do list

HTMLCode:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Stylized To-Do List</title>
  <link rel="stylesheet" href="2Q2.css">
</head>
<body>
  <div class="container">
    <h1>My Stylized To-Do List</h1>

    <ul class="todo-list">
      <!-- Task 1 -->
      <li>
        <input type="checkbox" id="task1">
        <label for="task1">Complete HTML Assignment</label>
        <ul class="sub-item">
          <li>
            <a href="https://www.w3schools.com/html/" class="sub-item-link" target="_blank">HTML
Tutorial</a>
          </li>
        </ul>
      </li>

      <!-- Task 2 -->
      <li>
        <input type="checkbox" id="task2">
        <label for="task2">Learn CSS Styling</label>
        <ul class="sub-item">
          <li>
            <a href="https://www.w3schools.com/css/" class="sub-item-link" target="_blank">CSS
Guide</a>
          </li>
        </ul>
      </li>

      <!-- Task 3 -->
```

```

</li>
  <input type="checkbox" id="task3">
  <label for="task3">Practice JavaScript</label>
  <ul class="sub-item">
    <li>
      <a href="https://www.w3schools.com/js/" class="sub-item-link" target="_blank">JS
Tutorial</a>
    </li>
  </ul>
</li>

<!-- Task 4 -->
<li>
  <input type="checkbox" id="task4">
  <label for="task4">Build a Mini Project</label>
  <ul class="sub-item">
    <li>
      <a href="https://www.freecodecamp.org/" class="sub-item-link" target="_blank">Project
Ideas</a>
    </li>
  </ul>
</li>
</ul>
</div>
</body>
</html>

```

CSS Code:

```

/* General styles */
body {
  font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
  background-color: #f9f9f9; /* light background */
  color: #333; /* dark text for contrast */
  display: flex;
  justify-content: center;
  padding: 40px;
}

.container {
  max-width: 600px;
  width: 100%;
}

/* Header */
h1 {

```

```
text-align: center;
margin-bottom: 30px;
color: #ff6f61; /* soft reddish accent */
}

/* To-do list styles */
.todo-list {
  list-style: none;
  padding: 0;
  margin: 0;
}

.todo-list li {
  background-color: #ffffff; /* white card background */
  padding: 15px 20px;
  margin-bottom: 15px;
  border-radius: 8px;
  box-shadow: 0 3px 6px rgba(0,0,0,0.1);
}

.todo-list input[type="checkbox"] {
  margin-right: 10px;
  transform: scale(1.3);
}

.todo-list label {
  font-size: 18px;
  cursor: pointer;
}

/* Sub-items */
.sub-item {
  list-style: none;
  margin-top: 10px;
  padding-left: 25px;
}

.sub-item-link {
  text-decoration: none;
  color: #1e90ff; /* unvisited link color */
  font-weight: 500;
}

/* Link states */
```

```
.sub-item-link:visited {
  color: #9370db; /* visited link color */
}

.sub-item-link:hover {
  color: #ff8c00; /* hover color */
}

.sub-item-link:active {
  color: #ff4500; /* clicked color */
}

.sub-item-link:focus {
  outline: 2px dashed #32cd32; /* focused outline */
  outline-offset: 3px;
}
```

3. Build a Job Application Form

HTMLCode:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Job Application Form</title>
  <link rel="stylesheet" href="2Q3.css">
</head>
<body>
  <div class="container">
    <h1>Job Application Form</h1>

    <form>
      <!-- Full Name -->
      <label for="name">Full Name:</label>
      <input type="text" id="name" name="name" placeholder="Enter your full name" required>

      <!-- Email -->
      <label for="email">Email:</label>
      <input type="email" id="email" name="email" placeholder="Enter your email" required>

      <!-- Job Position -->
      <label for="position">Position Applied For:</label>
      <select id="position" name="position" required>
```

```
<option value="">Select a position</option>
<option value="frontend">Frontend Developer</option>
<option value="backend">Backend Developer</option>
<option value="fullstack">Full Stack Developer</option>
<option value="designer">UI/UX Designer</option>
</select>
```

```
<!-- Availability -->
<fieldset class="radio-group">
  <legend>Availability:</legend>
  <input type="radio" id="fulltime" name="availability" value="fulltime" required>
  <label for="fulltime">Full-Time</label>
```

```

  <input type="radio" id="parttime" name="availability" value="parttime">
  <label for="parttime">Part-Time</label>
```

```

  <input type="radio" id="freelance" name="availability" value="freelance">
  <label for="freelance">Freelance</label>
</fieldset>
```

```
<!-- Message -->
<label for="message">Message:</label>
<textarea id="message" name="message" placeholder="Write a message..." rows="4"
required></textarea>
```

```

  <!-- Submit Button -->
  <button type="submit">Submit Application</button>
</form>
</div>
</body>
</html>
```

CSS Code:

```
/* General styles */
```

```
body {
  font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
  background-color: #f9f9f9;
  display: flex;
  justify-content: center;
  padding: 40px;
  color: #333;
}
```

```
.container {
  max-width: 500px;
```

```
width: 100%;  
background-color: #fff;  
padding: 30px 40px;  
border-radius: 10px;  
box-shadow: 0 5px 15px rgba(0,0,0,0.1);  
}
```

```
/* Header */
```

```
h1 {  
  text-align: center;  
  margin-bottom: 25px;  
  color: #ff6f61;  
}
```

```
/* Form styles */
```

```
form {  
  display: flex;  
  flex-direction: column;  
}
```

```
label {  
  margin-top: 15px;  
  margin-bottom: 5px;  
  font-weight: 500;  
}
```

```
/* Inputs, Select, Textarea */
```

```
input, select, textarea {  
  padding: 10px;  
  border: 2px solid #ccc;  
  border-radius: 5px;  
  font-size: 16px;  
  transition: border-color 0.3s;  
}
```

```
/* First input field */
```

```
input:first-of-type {  
  border-radius: 10px;  
}
```

```
/* Focus */
```

```
input:focus, select:focus, textarea:focus {  
  border-color: #1e90ff;  
  outline: none;
```



```

}

/* Valid / Invalid */
input:valid, select:valid, textarea:valid {
  border-color: #32cd32;
}

input:invalid, select:invalid, textarea:invalid {
  border-color: #ff4500;
}

/* Radio buttons styling */
.radio-group {
  margin-top: 20px;
  display: flex;
  flex-direction: column;
  gap: 8px;
  border: none;
  padding: 0;
}

.radio-group input[type="radio"] {
  margin-right: 10px;
  accent-color: #1e90ff;
}

/* Checked radio styles */
.radio-group input[type="radio"]:checked {
  outline: 2px solid #1e90ff;
  background-color: #d0e7ff;
  box-shadow: 0 0 5px rgba(30,144,255,0.5);
}

/* Change label color when radio is checked */
.radio-group input[type="radio"]:checked + label {
  color: #1e90ff;
  font-weight: 600;
}

/* Textarea */
textarea {
  resize: none;
}

```

```
/* Submit button */
button {
  margin-top: 20px;
  padding: 12px;
  background-color: #ff6f61;
  color: #fff;
  font-size: 16px;
  border: none;
  border-radius: 7px;
  cursor: pointer;
  transition: background-color 0.3s;
}
```

```
/* Button hover */
button:hover {
  background-color: #ff3b2f;
}
```

4. Design a Set of Colored Boxes

HTMLCode:

```
/* 1. Body background */
```

```
body {
  background-color: #f4f4f4;
  display: flex;
  justify-content: center;
  align-items: center;
  height: 100vh;
  margin: 0;
}
```

```
/* 2. Grid container */
```

```
.color-grid {
  display: grid;
  grid-template-columns: repeat(5, 1fr);
  gap: 20px;
}
```

```
/* 5. Common box size */
```

```
.color-box {
  width: 120px;
  height: 120px;
  border-radius: 8px;
}
```

```
.color1 {
```

```
background-color: #ff6f61;  
}
```

```
.color2 {  
background-color: rgb(30, 144, 255);  
}
```

```
.color3 {  
background-color: gold;  
}
```

```
.color4 {  
background-color: hsl(145, 60%, 45%);  
}
```

```
.color5 {  
background-color: #8a2be2;  
}
```

CSS Code:

```
/* 1. Body background */
```

```
body {  
background-color: #f4f4f4;  
display: flex;  
justify-content: center;  
align-items: center;  
height: 100vh;  
margin: 0;  
}
```

```
/* 2. Grid container */
```

```
.color-grid {  
display: grid;  
grid-template-columns: repeat(5, 1fr);  
gap: 20px;  
}
```

```
/* 5. Common box size + border */
```

```
.color-box {  
width: 120px;  
height: 120px;  
border-radius: 10px;  
border: 3px solid #bbbbbb; /* soft border */  
}
```

```

/* 6. Hexadecimal pastel color */
.color1 {
  background-color: #ffd1dc; /* pastel pink */
}

/* 7. RGB pastel color */
.color2 {
  background-color: rgb(173, 216, 230); /* pastel blue */
}

/* 8. Predefined (word) pastel-like color */
.color3 {
  background-color: lavender; /* soft word color */
}

/* 9. HSL pastel color */
.color4 {
  background-color: hsl(120, 60%, 85%); /* pastel green */
}

/* 10. Any pastel background color */
.color5 {
  background-color: #fff5ba; /* pastel yellow */
}

```

5. Design a Feature Selection Page

HTMLCode:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Feature Selection</title>
  <link rel="stylesheet" href="2Q5.css">
</head>
<body>

  <h1>Feature Selection</h1>

  <div class="feature-card-container">

    <label class="feature-card">
      <input type="checkbox">
      Dark Mode Support
    </label>

```

```
<label class="feature-card">
  <input type="checkbox">
  Notifications
</label>
```

```
<label class="feature-card">
  <input type="checkbox">
  Auto Backup
</label>
```

```
</div>
```

```
</body>
```

```
</html>
```

CSS Code:

```
body {
  font-family: Arial, Helvetica, sans-serif;
  background-color: #f4f4f4;
  text-align: center;
  padding: 40px;
}
```

```
/* Title */
```

```
h1 {
  margin-bottom: 30px;
  color: #444;
}
```

```
/* Container */
```

```
.feature-card-container {
  display: flex;
  justify-content: center;
  gap: 20px;
  flex-wrap: wrap;
}
```

```
/* Feature cards */
```

```
.feature-card {
  background-color: #ffffff;
  padding: 20px 25px;
  border-radius: 10px;
  box-shadow: 0 4px 8px rgba(0,0,0,0.1);
  cursor: pointer;
}
```

```

display: flex;
align-items: center;
gap: 12px;
font-size: 18px;
}

/* Checkbox styling */
.feature-card input[type="checkbox"] {
  appearance: none;
  width: 22px;
  height: 22px;
  border: 2px solid #888; /* border width, color, style */
  border-radius: 4px;
  position: relative;
  cursor: pointer;
}

/* Checked state */
.feature-card input[type="checkbox"]:checked {
  background-color: #a0d8ef; /* background change */
  border-color: #0077b6; /* border color change */
}

/* Checkmark */
.feature-card input[type="checkbox"]:checked::after {
  content: "✓";
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%, -55%);
  font-size: 16px;
  color: #003049;
}

```

6. Build a Confidential Email Page

HTMLCode:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Confidential Email</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>

```

```
<main id="email">
```

```
<div id="confidential">CONFIDENTIAL</div>
```

```
<div id="top-secret">TOP SECRET</div>
```

```
<p>
```

```
  This email contains sensitive information regarding the project
```

```
  <span class="blurred">Alpha-X Deployment</span> scheduled for next month.
```

```
</p>
```

```
<p>
```

```
  Only the team led by <span class="blurred">Dr. Harrison Blake</span>  
  is authorized to review the full documentation.
```

```
</p>
```

```
<p>
```

```
  The access credentials for the system are
```

```
  <span class="blurred">ZX-9081-PLM</span> and must not be shared.
```

```
</p>
```

```
</main>
```

```
</body>
```

```
</html>
```

CSS Code:

```
/* Email container */
```

```
#email {
```

```
  padding: 50px;
```

```
  margin-top: 50px;
```

```
  width: 500px;
```

```
  border: 2px solid #333;
```

```
  box-sizing: border-box;
```

```
  font-family: Arial, Helvetica, sans-serif;
```

```
}
```

```
/* Confidential and Top Secret labels */
```

```
#confidential,
```

```
#top-secret {
```

```
  display: inline-block;
```

```
  padding: 10px 15px;
```

```
  margin-left: 20px;
```

```
  border: 2px solid red;
```

```
  font-weight: bold;
```

```
}
```

```
/* Rotations */
#confidential {
  transform: rotate(-15deg);
}
```

```
#top-secret {
  transform: rotate(15deg);
}
```

```
/* Blurred text */
.blurred {
  filter: blur(3px);
}
```

7. Design a Pricing Plans Layout Page

HTMLCode:

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

```
body {  
  font-family: Arial, Helvetica, sans-serif;  
  padding: 40px;  
  background-color: #f4f4f4;  
}
```

```
/* Title */
```

```
h1 {  
  text-align: center;  
  margin-bottom: 30px;  
  color: #333;  
}
```

```
/* Pricing container */
```

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

```
/* Pricing cards */
```

```
.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: 10px;  
  color: #fff;  
}
```

```
/* Basic Plan Color */
```

```
.basic-plan {  
  order: 0;  
  background-color: #a0c4ff; /* pastel blue */  
}
```

```
/* Pro Plan Color */  
.pro-plan {  
  order: 1;  
  flex-grow: 2;  
  background-color: #bdb2ff; /* pastel purple */  
}
```


```
/* Premium Plan Color */  
.premium-plan {  
  order: 2;  
  background-color: #ffc6ff; /* pastel pink */  
}
```

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

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

Outputs:

1. Design a Business Card:



Tanvi Patil
Civil
TP Constructions

patil@gmail.com
+91 98765 43210
Portfolio

Connect with me

Twitter
LinkedIn
GitHub

2. Build a Stylized To-Do list:

My Stylized To-Do List

☒ Complete HTML Assignment

HTML Tutorial

☐ Learn CSS Styling

CSS Guide

☒ Practice JavaScript

JS Tutorial

☐ Build a Mini Project

Project Ideas

3. Build a Job Application Form

Job Application Form

Full Name:
tanvi

Email:
haha

Position Applied For:
Full Stack Developer

Availability:
☐ Full-Time
☒ Part-Time
☐ Freelance

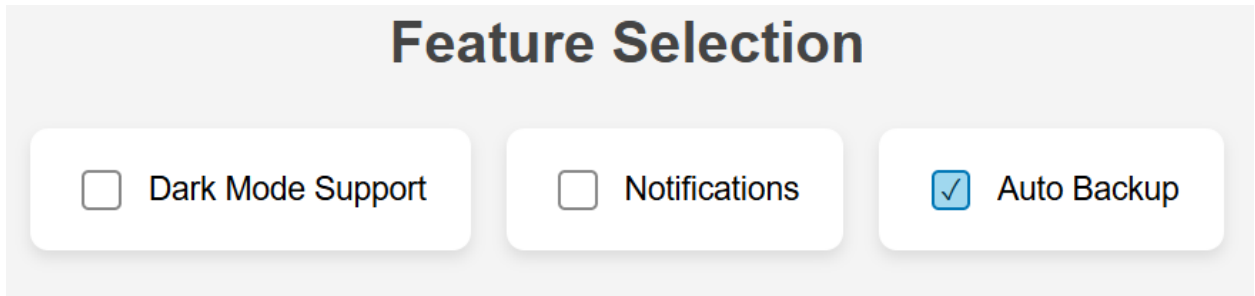
Message:
heheheh

Submit Application

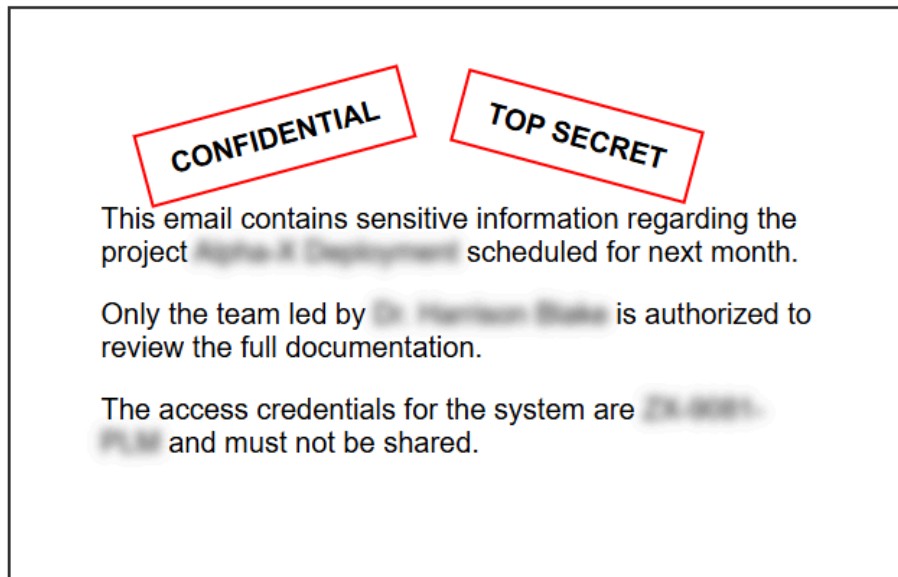
4. Design a Set of Colored Boxes



5. Design a Feature Selection Page



6. Build a Confidential Email Page



7. Design a Pricing Plans Layout Page

