

EXPERIMENT 09

9. Write a Javascript to prompt for student name and branch and display the given information on a dialog box.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <link rel="stylesheet" href="exp9.css">
  <meta charset="UTF-8">
  <title>Experiment 9: Student Info Prompt</title>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <script>
    function showStudentInfo() { var name =
prompt("Please enter your Name:"); var branch =
prompt("Please enter your Branch:"); if(name &&
branch) {
      alert("Student Name: " + name + "\nBranch: " + branch);
    } else {
      alert("Please enter valid information.");
    }
  }
</script>
</head>
<body>
  <div class="container">
    <h2>Student Info Prompt</h2>
    <div class="desc">
      Click the button below to enter your <strong>Name</strong> and <strong>Branch</strong>.<br>
      Your details will be shown in a dialog box!
    </div>
    <button onclick="showStudentInfo()">Enter Student Information</button>
  </div>
  <div class="footer">
    &copy; 2025 | JavaScript Lab Experiment
  </div>
</body>
</html>
```

The css code

```
body {
```

```
background: linear-gradient(135deg, #e7efff 0%, #fbe9e6 100%);
font-family: 'Segoe UI', Arial, sans-serif; margin: 0; min-
height: 100vh;
}
.container {
max-width: 400px; margin:
70px auto; padding: 32px;
background-color: #fff; border-
radius: 18px; box-shadow: 0 8px
32px #a4bfff30;
text-align: center;
}
h2 { color:
#5941a9; margin-
bottom: 12px; font-
size: 1.6em;
letter-spacing: 1px;
}
.desc { color:
#46656b; font-
size: 1.09em;
margin-bottom: 22px;
}
button {
background: linear-gradient(90deg, #5a4fcf 60%, #fa6b9b 120%);
color: #fff; border: none; border-radius: 8px; padding:
14px 28px; font-size: 1.08em; font-weight: 600; margin-
top: 8px; cursor: pointer; box-shadow: 0 2px 8px #c8dfff44;
transition: background 0.20s, box-shadow 0.15s, transform 0.13s;
}
button:hover {
background: linear-gradient(90deg, #5836bc 60%, #e46793 120%); box-
shadow: 0 6px 20px #b9baf33;
transform: translateY(-2px) scale(1.04);
}
.footer { font-
size: 0.97em;
margin-top: 40px;
color: #bdbdbd;
}
```

The screenshot shows a web application interface with a light blue background. A white rounded rectangle is centered on the page. Inside this rectangle, the text "Experiment 9: Student Info Prompt" is displayed in a bold, dark blue font. Below this, a message in a dark grey font reads: "Click the button below to enter your **Name** and **Branch**. Your details will be shown in a dialog box!". At the bottom of the white rectangle is a blue button with rounded corners and a gradient, containing the text "Enter Student Information" in white. The bottom of the image shows a dark blue footer bar with the text "JavaScript Lab Experiment" in white.

Your details will be shown in a dialog box!

| JavaScript Lab Experiment

9.2 Design the alabama page.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Alabama Info Page</title>
  <link rel="stylesheet" href="lab9.css">
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 20px;
      background: #f5f5f5;
      color: #333;
      transition: background-color 0.5s ease;
    }
    h1 {
      text-align: center;
      color: darkred;
      text-shadow: 1px 1px 2px #aaa;
      animation: fadeInDown 1s ease forwards;
    }
    @keyframes fadeInDown {
      0% {
        opacity: 0;
        transform: translateY(-20px);
      }
      100% {
        opacity: 1;
        transform: translateY(0);
      }
    }
    section {
      background: white;
      padding: 20px;
      margin: 15px 0;
      border-radius: 10px;
      box-shadow: 0 4px 8px rgba(170, 170, 170, 0.3);
      transition: transform 0.3s ease, box-shadow 0.3s ease, background-color 0.3s;
    }
    section:hover {
      transform: translateY(-5px);
      box-shadow: 0 8px 15px rgba(170, 170, 170, 0.5);
      background-color: #fff6f6;
    }
    section h2 {
      color: #b22222; /* firebrick */

```

```

.image-wrapper {
  width: 300px;
  height: 200px;
  overflow: hidden;
  border-radius: 8px;
  margin-top: 10px;
  box-shadow: 0 2px 5px rgba(0,0,0,0.2);
}
.image-wrapper img {
  width: 100%;
  height: auto;
  transition: transform 0.4s ease;
}
.image-wrapper img:hover {
  transform: scale(1.05);
}
button {
  background: darkred;
  color: white;
  border: none;
  padding: 12px 20px;
  cursor: pointer;
  margin: 20px auto 40px auto;
  border-radius: 5px;
  display: block;
  font-size: 16px;
  box-shadow: 0 3px 7px rgba(139,0,0,0.6);
  transition: background 0.3s ease, box-shadow 0.3s ease, transform 0.2s ease;
}
button:hover {
  background: #8b0000;
  box-shadow: 0 6px 14px rgba(139,0,0,0.8);
  transform: scale(1.05);
}
.footer {
  text-align: center;
  margin-top: 40px;
  color: #777;
  font-size: 14px;
}
p {
  line-height: 1.6;

```

```

  line-height: 1.6;
  transition: color 0.4s ease;
}
</style>
</head>
<body>
  <h1>Alabama - The Heart of Dixie</h1>

  <section id="usa">
    <h2>USA</h2>
    <p>Alabama is a state in the southeastern region of the United States.</p>
    <div class="image-wrapper">
      
    </div>
  </section>

  <section id="stateData">
    <h2>State Data</h2>
    <p>Capital: Montgomery | Population: ~5 million | Nickname: Heart of Dixie</p>
    <div class="image-wrapper">
      
    </div>
  </section>

  <section id="cityImages">
    <h2>Major Cities</h2>
    <p>Birmingham, Montgomery, Mobile, Huntsville.</p>
    <div class="image-wrapper">
      
    </div>
  </section>

  <section id="animals">
    <h2>Animals</h2>
    <p>State Bird: Yellowhammer | State Mammal: Black Bear</p>
    <div class="image-wrapper">
      
    </div>
  </section>

  <section id="food">
    <h2>Food</h2>

```

```


</div>
</section>

<section id="rep">
  <h2>Representative</h2>
  <p>Governor: Kay Ivey (as of 2025).</p>
  <div class="image-wrapper">
    
  </div>
</section>

<section id="songs">
  <h2>Songs About Alabama</h2>
  <p>"Sweet Home Alabama" by Lynyrd Skynyrd is the most famous.</p>
  <div class="image-wrapper">
    
  </div>
</section>

<section id="famousPeople">
  <h2>Famous People</h2>
  <p>Rosa Parks, Hank Williams, Lionel Richie.</p>
  <div class="image-wrapper">
    
  </div>
</section>

<button onclick="highlight()">Highlight Important Facts</button>

<script>
  function highlight(){
    document.querySelectorAll("p").forEach(p => p.style.color = "darkblue");
  }
</script>

<div class="footer">
  &copy; 2025 | Alabama Info Page
</div>
</body>
</html>


```

Output:-

Alabama - The Heart of Dixie


USA

Alabama is a state in the southeastern region of the United States.



State Data

Capital: Montgomery | Population: ~5 million | Nickname: Heart of Dixie



9.3 :-Count the payments method

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>JavaScript + HTML Demo: Images & Payment</title>
  <link rel="stylesheet" href="labex.css">
  <script type="text/javascript">
    document.addEventListener("DOMContentLoaded", function() {
      document.getElementById("mainHeading").textContent =
        "Welcome! Please Make your payment.";

      // Arrays of image sources
      const imagesList = [
        [
          "https://images.unsplash.com/photo-1506744038136-46273834b3fb?w=300",
          "https://images.unsplash.com/photo-1519125323398-675f0ddb6308?w=300",
          "https://picsum.photos/210/150?random=50",
          "https://picsum.photos/210/150?random=51"
        ],
        [
          "https://picsum.photos/251/150?random=101",
          "https://picsum.photos/251/150?random=199",
          "https://images.unsplash.com/photo-1519125323398-675f0ddb6308?w=300",
          "https://picsum.photos/251/150?random=145"
        ],
        [
          "https://picsum.photos/252/150?random=172",
          "https://picsum.photos/252/150?random=111",
          "https://picsum.photos/252/150?random=199",
          "https://images.unsplash.com/photo-1506744038136-46273834b3fb?w=300"
        ],
        [
          "https://picsum.photos/253/150?random=67",
          "https://picsum.photos/253/150?random=69",
          "https://picsum.photos/253/150?random=8",
          "https://images.unsplash.com/photo-1519125323398-675f0ddb6308?w=300"
        ],
        [
          "https://images.unsplash.com/photo-1519125323398-675f0ddb6308?w=300",
          "https://images.unsplash.com/photo-1506744038136-46273834b3fb?w=300",
          "https://picsum.photos/254/150?random=52",
          "https://picsum.photos/254/150?random=53"
        ]
      ];
```

```
    for (let i = 1; i <= 5; i++) {
      // Set initial src and alt
      document.getElementById("img" + i).src = imagesList[i - 1];
      document.getElementById("img" + i).alt = imageAlts[i - 1];

      // Create a closure for each interval so vars don't conflict
      (function(imgNum) {
        setInterval(function() {
          imgIndices[imgNum]++;
          if (imgIndices[imgNum] >= imagesList[imgNum].length) imgIndices[imgNum] = 0;
          let imgElement = document.getElementById("img" + (imgNum + 1));
          imgElement.src = imagesList[imgNum][imgIndices[imgNum]];
        }, 2000 + 400 * imgNum); // Add a slight offset so not all images change together
      })(i - 1);
    }


    // Show count of payment methods in a stylish toast
    document.getElementById("countBtn").onclick = function() {
      const total = document.querySelectorAll('input[name="pay"]').length;
      showToast("Payment methods available: " + total);
    };

    // Report which payment method is selected
    document.getElementById("selectedBtn").onclick = function() {
      const selected = document.querySelector('input[name="pay"]:checked');
      if(selected) {
        showToast("You selected: " + selected.value);
      } else {
        showToast("Please select a payment method!");
      }
    };

    // Helper: Show toast message (instead of alert)
    function showToast(msg) {
      let toast = document.createElement('div');
      toast.textContent = msg;
      toast.style.position = 'fixed';
      toast.style.bottom = '38px';
      toast.style.left = '50%';
      toast.style.transform = 'translateX(-50%)';
      toast.style.background = 'rgba(90,79,207,0.97)';
```

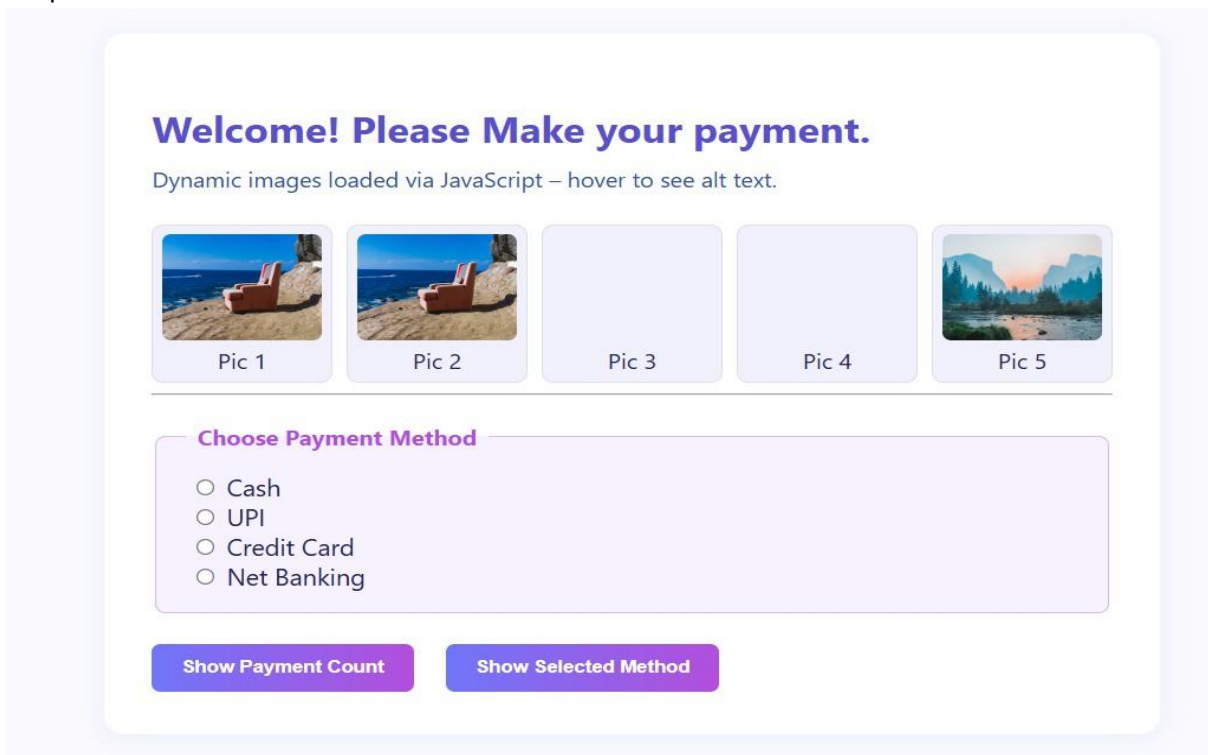


```

        setTimeout(() => { document.body.removeChild(toast); }, 2300);
    }
});
</script>
</head>
<body>
<div class="container">
<h2 id="mainHeading">Initializing...</h2>
<div class="subtxt">Dynamic images loaded via JavaScript  hover to see alt text.</div>
<div class="images-flex">
<div class="img-card"><img id="img1" src="" alt=""><span>Pic 1</span></div>
<div class="img-card"><img id="img2" src="" alt=""><span>Pic 2</span></div>
<div class="img-card"><img id="img3" src="" alt=""><span>Pic 3</span></div>
<div class="img-card"><img id="img4" src="" alt=""><span>Pic 4</span></div>
<div class="img-card"><img id="img5" src="" alt=""><span>Pic 5</span></div>
</div>
<hr>
<fieldset>
<legend><b>Choose Payment Method</b></legend>
<label class="payment-option">
<input type="radio" name="pay" value="Cash"> Cash
</label><br>
<label class="payment-option">
<input type="radio" name="pay" value="UPI"> UPI
</label><br>
<label class="payment-option">
<input type="radio" name="pay" value="Credit Card"> Credit Card
</label><br>
<label class="payment-option">
<input type="radio" name="pay" value="Net Banking"> Net Banking
</label>
</fieldset>
<div class="button-row">
<button id="countBtn" type="button">Show Payment Count</button>
<button id="selectedBtn" type="button">Show Selected Method</button>
</div>
</div>
</body>
</html>

```

Output:-



9.4 :-Payment method

```
<!DOCTYPE html>
<html lang="en">
<head>
  <link rel="stylesheet" href="exp9.css">
  <meta charset="UTF-8">
  <title> Student Info Prompt</title>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <script>
    function showStudentInfo() {
      var name = prompt("Please enter your Name:");
      var branch = prompt("Please enter your Branch:");
      if(name && branch) {
        alert("Student Name: " + name + "\nBranch: " + branch);
      } else {
        alert("Please enter valid information.");
      }
    }
    function showCode() {
      alert(
    );
    }
  </script>
</head>
<body>
  <div class="container">
    <h2>Student Info Prompt</h2>
    <div class="desc">
      Click the button below to enter your <strong>Name</strong> and <strong>Branch</strong>.<br>
      Your details will be shown in a dialog box!
    </div>
    <button onclick="showStudentInfo()">Enter Student Information</button>
    <button onclick="showCode()">Show Code</button>
  </div>
  <div class="footer">
    &copy; 2025 | JavaScript Lab Experiment
  </div>
</body>
</html>
```

Output:-



Submitted by:-
ABHASH BEHERA
2301020213
CSE(AIML)
Group: - 05