

# WEB UI PRACTICALS (HTML + CSS + JS)\_Exp-1,2,3

## Practical 1: Student Registration Form with HTML5 Validation

### AIM

Design and implement a basic student registration form using HTML5 validation features.

### CODE

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="UTF-8">
  <title>Student Registration Form</title>
  <style>
    body {
      font-family: Georgia, serif;
      padding: 20px;
    }
    h1 {
      font-weight: bold;
    }
    label {
      display: block;
      margin-top: 15px;
      font-size: 18px;
    }
    input {
      display: block;
      margin-top: 5px;
      padding: 5px;
      font-size: 16px;
    }
    button {
      margin-top: 20px;
      padding: 6px 12px;
      font-size: 16px;
    }
  </style>
</head>
<body>
  <h1>Student Registration Form</h1>
  <form>
    <label>Name:</label>
    <input type="text" placeholder="Enter your full name" required>
    <label>Email:</label>
    <input type="email" placeholder="Enter your email" required>
    <label>Age:</label>
    <input type="number" placeholder="Enter" min="1" max="120" required>
```

```
<button type="submit">Register</button>
</form>
</body>
</html>
```

Output

Student Registration Form

Name:

Enter your full name

Email:

Enter your email

Age:

Enter

Register

## Practical 2: Responsive Banking UI

### AIM

Design a responsive and centered banking UI using HTML and CSS.

### CODE

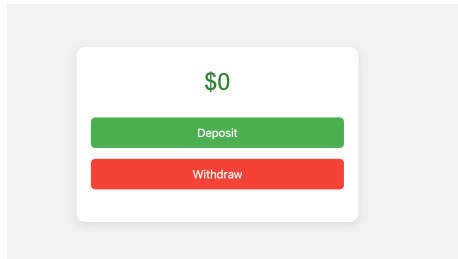
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Responsive Banking UI</title>
  <style>
    body {
      background-color: #f2f2f2;
      display: flex;
      align-items: center;
      justify-content: center;
      height: 100vh;
    }
    .bank-container {
      background-color: white;
      padding: 30px 20px;
      border-radius: 12px;
      text-align: center;
      width: 90%;
      max-width: 350px;
    }
    .balance {
      font-size: 32px;
      color: #2e7d32;
      margin-bottom: 30px;
    }
    .btn {
      width: 100%;
      padding: 12px;
```

```

        font-size: 16px;
        color: white;
        border: none;
        border-radius: 6px;
        margin-bottom: 15px;
    }
    .deposit { background-color: #4caf50; }
    .withdraw { background-color: #f44336; }
</style>
</head>
<body>
    <div class="bank-container">
        <div class="balance">$0</div>
        <button class="btn deposit">Deposit</button>
        <button class="btn withdraw">Withdraw</button>
    </div>
</body>
</html>

```

*Output*



### Practical 3: Admin Dashboard with CSS Grid and Theme Switching

#### AIM

Create a responsive admin dashboard using CSS Grid and include a light/dark theme switcher.

#### CODE

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Admin Dashboard</title>
    <style>
        :root {
            --header-bg: #4CAF50;
            --sidebar-bg: #f2f2f2;
            --main-bg: white;
            --text-color: black;
            --footer-bg: #4CAF50;
        }
        body.dark-mode {
            --header-bg: #222;

```

```

--sidebar-bg: #333;
--main-bg: #111;
--text-color: #f0f0f0;
--footer-bg: #222;
}
body {
  margin: 0;
  font-family: Arial, sans-serif;
  display: grid;
  grid-template-areas:
    "header header"
    "sidebar main"
    "footer footer";
  grid-template-columns: 200px 1fr;
  grid-template-rows: 60px 1fr 40px;
  height: 100vh;
  background-color: var(--main-bg);
  color: var(--text-color);
}
header, footer {
  padding: 10px 20px;
  background-color: var(--header-bg);
  color: white;
}
aside {
  background-color: var(--sidebar-bg);
  padding: 20px;
}
main {
  padding: 20px;
}
.theme-toggle {
  float: right;
}
</style>
</head>
<body>
  <header>
    <h2>Admin Dashboard</h2>
    <div class="theme-toggle">
      <label><input type="checkbox" id="themeSwitcher" /> Dark Mode</label>
    </div>
  </header>
  <aside>
    <ul>
      <li><a href="#">Home</a></li>
      <li><a href="#">Users</a></li>
      <li><a href="#">Settings</a></li>
    </ul>
  </aside>

```

```
<main>
  <h3>Welcome, Admin!</h3>
  <p>This is the main content area. Add charts, tables, or reports here.</p>
</main>
<footer>© 2025 Admin Panel</footer>
<script>
  document.getElementById('themeSwitcher').addEventListener('change', () => {
    document.body.classList.toggle('dark-mode');
  });
</script>
</body>
</html>
```

Output

