

## Experiment No. 4

Aim: Develop web pages using Javascript.

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Simple JavaScript Clock</title>

  <style>

    body {

      display: flex;

      justify-content: center;

      align-items: center;

      height: 100vh;

      background-color: #f0f0f0;

      font-family: Arial, sans-serif;

    }

    .clock {

      background-color: #007acc;

      color: white;

      padding: 20px;

      border-radius: 10px;

      font-size: 48px;

      text-align: center;

      box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);

    }

  </style>

</head>

<body>

  <div class="clock">

    <h1>Clock</h1>

  </div>

</body>

</html>
```

```
</style>

</head>

<body>

<div class="clock" id="clock">00:00:00</div>

<script>

  function updateClock() {

    const now = new Date();

    const hours = String(now.getHours()).padStart(2, '0');

    const minutes = String(now.getMinutes()).padStart(2, '0');

    const seconds = String(now.getSeconds()).padStart(2, '0');

    const timeString = `${hours}:${minutes}:${seconds}`;

    document.getElementById('clock').textContent = timeString;

  }

  // Update the clock every second

  setInterval(updateClock, 1000);

  // Initial call to display the clock immediately

  updateClock();

</script>

</body>

</html>
```