



**PUNE INSTITUTE OF COMPUTER TECHNOLOGY, PUNE - 411043**  
**DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGG.**  
**ACADEMIC YEAR : 2023-24      SEM: 1**

**CLASS : BE VII[S7]**

**SUBJECT : JavaScript**

**EXPT. NO. : 5**

**Roll No.: 42372**

**DATE :**

**CODE :**

```
<!DOCTYPE html>
<html>
<head>
  <title>Countdown Timer</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      text-align: center;
    }
    h1 {
      color: #333;
    }
    label {
      font-size: 18px;
      color: #555;
    }
    #dateInput {
      padding: 5px;
      font-size: 16px;
      width: 250px;
    }
    #startButton {
      padding: 10px 20px;
      background-color: #007BFF;
      color: #fff;
      border: none;
      font-size: 16px;
      cursor: pointer;
    }
    #startButton:hover {
      background-color: #0056b3;
    }
    #timerDisplay {
      font-size: 24px;
      margin-top: 20px;
    }
    #countdown {
      color: #FF6B6B;
    }
  </style>
</head>
<body>
  <h1>Countdown Timer</h1>
```



```
<label for="dateInput">Enter the future date and time:</label>
<input type="datetime-local" id="dateInput">
<button id="startButton">Start Countdown</button>
<div id="timerDisplay">Time remaining: <span id="countdown"></span></div>

<script>
  let countdownInterval;
  const countdownDisplay = document.getElementById("countdown");

  document.getElementById("startButton").addEventListener("click", function () {
    const dateInput = new Date(document.getElementById("dateInput").value);
    const now = new Date();

    if (dateInput > now) {
      startCountdown(dateInput);
    } else {
      alert("Please select a future date and time.");
    }
  });

  function startCountdown(endTime) {
    if (countdownInterval) {
      clearInterval(countdownInterval);
    }

    countdownInterval = setInterval(function () {
      const currentTime = new Date();
      const timeRemaining = endTime - currentTime;

      if (timeRemaining <= 0) {
        clearInterval(countdownInterval);
        countdownDisplay.textContent = "Time's up!";
      } else {
        const days = Math.floor(timeRemaining / (1000 * 60 * 60 * 24));
        const hours = Math.floor((timeRemaining % (1000 * 60 * 60 * 24)) / (1000 * 60 * 60));
        const minutes = Math.floor((timeRemaining % (1000 * 60 * 60)) / (1000 * 60));
        const seconds = Math.floor((timeRemaining % (1000 * 60)) / 1000);

        countdownDisplay.textContent = `${days}d ${hours}h ${minutes}m ${seconds}s`;
      }
    }, 1000);
  }
</script>
</body>
</html>
```



OUTPUT :

## Countdown Timer

**42372 V Raghavendra Reddy**

Enter the future date and time: 23/10/2023, 02:57 PM



Start Countdown

Time remaining: 0d 0h 0m 9s