

# Countdown Timer

Roll no: 42427 Name: Aditi Kalegaonkar Div: BE6 Q6

2025-12-09

Start Countdown

84d 9h 14m 26s

# Countdown Timer

Roll no: 42427 Name: Aditi Kalegaonkar Div: BE6 Q6

2008-12-09

Start Countdown

Expired

**JavaScript EXP\_5**  
**Roll No: 42427 Q6 BE 6**  
**Aditi Kalegaonkar**

HTML: -

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Countdown Timer</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <h1>Countdown Timer</h1>
    <div style="text-align: center;">
        Roll no: 42427
        Name: Aditi Kalegaonkar
        Div: BE6 Q6
    </div>
    <input type="text" id="endDateInput" placeholder="Enter end date
(YYYY-MM-DD HH:MM:SS)">
    <button onclick="startCountdown()">Start Countdown</button>
    <div id="countdown">Enter a date to start</div>
    <script src="script.js"></script>
</body>
</html>
```

CSS:-

```
body {
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    text-align: center;
    padding: 50px;
```

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```
        background-color: #e0f7fa; /* Light cyan */
        color: #333;
    }
```

```
h1 {
    font-size: 2.5em;
    margin-bottom: 30px;
    color: #00796b; /* Teal */
}
```

```
input {
    padding: 10px;
    font-size: 1em;
    border: 2px solid #00796b;
    border-radius: 5px;
    width: 250px;
    text-align: center;
    margin-right: 10px;
}
```

```
button {
    padding: 10px 20px;
    font-size: 1em;
    background-color: #00796b;
    color: white;
    border: none;
    border-radius: 5px;
    cursor: pointer;
}
```

```
button:hover {
```

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```
        background-color: #004d40;
    }

    #countdown {
        font-size: 3em;
        margin-top: 40px;
        color: #ff5722; /* Orange */
    }
```

```
.expired {
    color: #d32f2f; /* Red */
    font-weight: bold;
}
```

JS:-

```
let interval;

function startCountdown() {
    const endDate = document.getElementById('endDateInput').value;
    if (!endDate) return;
    clearInterval(interval);
    interval = setInterval(function() { updateCountdown(endDate); },
1000);
    updateCountdown(endDate);
}

function updateCountdown(endDate) {
    const countdownEl = document.getElementById('countdown');
    const now = new Date();
    const deadline = new Date(endDate);
    const timeRemaining = deadline - now;
```

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```
if (timeRemaining <= 0) {
    countdownEl.innerHTML = "Expired";
    countdownEl.classList.add("expired");
    clearInterval(interval);
    return;
}

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);

countdownEl.innerHTML = `${days}d ${hours}h ${minutes}m
${seconds}s`;
}
```