CLASS : BE V [S5]	SUBJECT : JavaScript	
EXPT. NO. : 5	Roll No.: 42172	DATE :

CODE :

```
<!DOCTYPE html>
<html>
  <head>
    <title>Countdown Timer</title>
    <script src="assignment_5.js"></script>
  </head>
  <body>
    <h2>42172 Vedansh Gupta</h2>
    <h2>Countdown Timer</h2>
    <h3 id="timer"></h3>
  </body>
</html>
```

Java Script Code –

```
// Set the countdown end date and time (YYYY-MM-DD HH:MM:SS format)
const countdownEndDate = "2023-12-31 00:00:00";

function updateCountdown() {
  const currentDate = new Date();
  const endDate = new Date(countdownEndDate);

  const timeDifference = endDate - currentDate;

  if (timeDifference > 0) {
    const days = Math.floor(timeDifference / (1000 * 60 * 60 * 24));
    const hours = Math.floor(
      (timeDifference % (1000 * 60 * 60 * 24)) / (1000 * 60 * 60)
    );
    const minutes = Math.floor(
      (timeDifference % (1000 * 60 * 60)) / (1000 * 60)
    );
    const seconds = Math.floor((timeDifference % (1000 * 60)) / 1000);

    const timerElement = document.getElementById("timer");
    timerElement.innerHTML = `Countdown: ${days}d ${hours}h ${minutes}m ${seconds}s`;
  } else {
    const timerElement = document.getElementById("timer");
    timerElement.innerHTML = "Countdown expired!";
  }
}

// Update the countdown every second
```

```
setInterval(updateCountdown, 1000);

// Initial call to set the initial timer display
updateCountdown();
```

OUTPUT :