

Practical 5

Question: Write a JavaScript program that will create a countdown timer.

Code:

```
<!DOCTYPE HTML>
<html>
<head>
<meta name="viewport" content="width=device-width,initial-
scale=1">
</head>
<body>
  <p id="days"></p>
  <p id="hours"></p>
  <p id="mins"></p>
  <p id="secs"></p>
  <h2 id="end"></h2>
  <script>
    // The data/time we want to countdown to var
    countDownDate = new Date("Jul 25, 2023
16:37:52").getTime();
    // Run myfunc every second
    var myfunc = setInterval(function() {var now =
new Date().getTime();
var timeleft = countDownDate - now;

    // Calculating the days, hours, minutes and seconds leftvar days =
Math.floor(timeleft / (1000 * 60 * 60 * 24));
var hours = Math.floor((timeleft % (1000 * 60 * 60 * 24)) /
(1000 * 60 * 60));
var minutes = Math.floor((timeleft % (1000 * 60 * 60)) / (1000 * 60));
var seconds = Math.floor((timeleft % (1000 * 60)) / 1000);

    // Result is output to the specific element
    document.getElementById("days").innerHTML = days + "d "
    document.getElementById("hours").innerHTML = hours + "h "
    document.getElementById("mins").innerHTML = minutes + "m "
    document.getElementById("secs").innerHTML = seconds + "s "
```

```
// Display the message when countdown is over if
(timeleft < 0) {
clearInterval(myfunc);
document.getElementById("days").innerHTML = ""
document.getElementById("hours").innerHTML = ""
document.getElementById("mins").innerHTML = ""
document.getElementById("secs").innerHTML = ""
document.getElementById("end").innerHTML = "TIME UP!!";
}
}, 1000);
</script>
</body>
</html>
```

Output:

