HTML:

<!DOCTYPE html>

<html lang="en-us">

<head>

<meta charset="utf-8" />

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

<meta http-equiv="X-UA-Compatible" content="ie=edge" />

<title>Countdown Timer App</title>

<link rel="stylesheet" href="micro pro script.css">

</head>

<body>

<h1>DragonOsman's Countdown Timer</h1>

<form name="timer" id="timer">

<input type="text" name="event" id="event" placeholder="Event" required />

<input type="datetime-local" name="date-time-input" id="input" required />

<br />

<input type="button" value="Start" id="start-btn" />

<input type="button" value="Stop" id="stop-btn" />

</form>

<br />

<div id="clockdiv">

<div id="month-div">

<span class="months" id="month">0</span>

<div class="smalltext">Months</div>

</div>

<div id="day-div">

<span class="days" id="day">0</span>

<div class="smalltext">Days</div>

</div>

<div id="hour-div">

<span class="hours" id="hour">0</span>

<div class="smalltext">Hours</div>

</div>

<div id="minute-div">

<span class="minutes" id="minute">0</span>

<div class="smalltext">Minutes</div>

</div>

<div id="second-div">

<span class="seconds" id="second">0</span>

<div class="smalltext">Seconds</div>

</div>

</div>

<p id="is-it-time"></p>

<script src="micro pro script js.js"></script>

</body>

</html>

CSS:

body {

text-align: center;

background-color: #ffffff;

color: #000000;

font-size: 24px;

font-family: Arial, Helvetica, sans-serif;

background-repeat: no-repeat;

}

#month-div, #day-div, #hour-div, #minute-div, #second-div {

display: inline-block;

padding: 20px;

text-align: center;

color: white;

background-color: #2f2f2f;

font-size: 30px;

border-radius: 3px;

}

#clockdiv div > span {

background-color: black;

border-radius: 3px;

padding: 15px;

}

form {

margin-top: 50px;

}

.smalltext {

font-size: 16px;

padding-top: 5px;

margin-top: 30px;

top: 25%;

}

JS:

"use strict";

function getInput() {

const input = document.getElementById("input").value;

const deadline = new Date(input);

return deadline;

}

function leapYear(year) {

if (year % 4 !== 0) {

if (year % 400 !== 0 && year % 100 !== 4) {

return false;

}

return false;

}

return true;

}

function initializeClock() {

const deadline = getInput();

const currentDate = new Date();

if (deadline < currentDate) {

const errorPara = document.createElement("p");

errorPara.textContent = "Sorry; we don't count up from a past event";

document.querySelector("form").prepend(errorPara);

errorPara.insertAdjacentHTML("afterend", "<br />");

} else {

const timerId = setInterval(() => {

const now = new Date().getTime();

const timeDiff = deadline - now;

let february = 0;

if (leapYear(deadline.getFullYear())) {

february = 29;

} else {

february = 28;

}

const daysInMonth = [31, february, 31, 30, 31, 30, 31, 31, 30, 31, 30, 31];

let days = Math.floor(timeDiff / (1000 \* 60 \* 60 \* 24));

let months = Math.floor(days / daysInMonth[deadline.getMonth()]);

days %= daysInMonth[deadline.getMonth()];

if (currentDate.getMonth() < deadline.getMonth() && currentDate.getDate() === deadline.getDate()) {

days = 0;

const monthDiff = deadline.getMonth() - currentDate.getMonth();

months = monthDiff;

} else if (currentDate.getDate() < deadline.getDate() && currentDate.getMonth() === deadline.getMonth()) {

const daysDiff = deadline.getDate() - currentDate.getDate();

days = daysDiff;

months = 0;

} else if (currentDate.getMonth() < deadline.getMonth() && currentDate.getDate() < deadline.getDate()) {

const daysDiff = deadline.getDate() - currentDate.getDate();

const monthsDiff = deadline.getMonth() - currentDate.getMonth();

days = daysDiff;

months = monthsDiff;

}

const hours = Math.floor((timeDiff % (1000 \* 60 \* 60 \* 24)) / (1000 \* 60 \* 60));

const minutes = Math.floor((timeDiff % (1000 \* 60 \* 60)) / (1000 \* 60));

const seconds = Math.floor((timeDiff % (1000 \* 60)) / 1000);

document.getElementById("day").textContent = days;

document.getElementById("month").textContent = months;

document.getElementById("hour").textContent = hours;

document.getElementById("minute").textContent = minutes;

document.getElementById("second").textContent = seconds;

if (timeDiff < 0) {

clearInterval(timerId);

const event = document.getElementById("event");

document.getElementById("is-it-time").textContent = ${event} is here!;

document.getElementById("month").textContent = "0";

document.getElementById("day").textContent = "0";

document.getElementById("hour").textContent = "0";

document.getElementById("minute").textContent = "0";

document.getElementById("second").textContent = "0";

}

const stopBtn = document.getElementById("stop-btn");

stopBtn.addEventListener("click", function() {

clearInterval(timerId)

});

}, 1000);

}

}

const startBtn = document.getElementById("start-btn");

startBtn.addEventListener("click", initializeClock);