<!DOCTYPE html>

<html>

<head>

<title>Work Time Clock</title>

<link rel="stylesheet" href="style.css">

</head>

<body>

<div id="container">

<h1>Work Time Clock</h1>

<label for="name">Name:</label>

<input type="text" id="name">

<button id="punch">Punch In/Out</button>

<div id="hours">

<h2>Hours Worked:</h2>

<p>Today: <span id="today">0</span></p>

<p>This Week: <span id="week">0</span></p>

<p>This Month: <span id="month">0</span></p>

<p>This Year: <span id="year">0</span></p>

</div>

</div>

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

</body>

</html>

#container {

max-width: 500px;

margin: auto;

text-align: center;

}

h1 {

margin-top: 0;

}

label {

font-weight: bold;

}

input {

margin: 10px;

padding: 5px;

font-size: 16px;

}

button {

margin: 10px;

padding: 10px 20px;

font-size: 16px;

background-color: #4CAF50;

color: white;

border: none;

border-radius: 4px;

cursor: pointer;

}

button:hover {

background-color: #3e8e41;

}

#hours {

margin-top: 20px;

text-align: left;

}

#hours h2 {

margin-top: 0;

}

// Initialize hours worked to 0

let todayHours = 0;

let weekHours = 0;

let monthHours = 0;

let yearHours = 0;

// Get current date

const now = new Date();

// Get current day, week, month and year

const today = now.toLocaleDateString();

const startOfWeek = new Date(now.getFullYear(), now.getMonth(), now.getDate() - now.getDay());

const endOfWeek = new Date(now.getFullYear(), now.getMonth(), now.getDate() + (6 - now.getDay()));

const week = startOfWeek.toLocaleDateString() + ' - ' + endOfWeek.toLocaleDateString();

const startOfMonth = new Date(now.getFullYear(), now.getMonth(), 1);

const endOfMonth = new Date(now.getFullYear(), now.getMonth() + 1, 0);

const month = startOfMonth.toLocaleDateString() + ' - ' + endOfMonth.toLocaleDateString();

const year = now.getFullYear();

// Check if data is stored in localStorage and retrieve it if it is

if (localStorage.getItem(today)) {

todayHours = parseFloat(localStorage.getItem(today));

}

if (localStorage.getItem('week' + startOfWeek.getTime())) {

weekHours = parseFloat(localStorage.getItem('week' + startOfWeek.getTime()));

}

if (localStorage.getItem('month' + startOfMonth.getTime())) {

monthHours = parseFloat(localStorage.getItem('month' + startOfMonth.getTime()));

}

if (localStorage.getItem(year)) {

yearHours = parseFloat(localStorage.getItem(year));

}

// Update hours worked display

document.getElementById('today').innerHTML = todayHours.toFixed(2);

document.getElementById('week').innerHTML = weekHours.toFixed(2);

document.getElementById('month').innerHTML = monthHours.toFixed(2);

document.getElementById('year').innerHTML = yearHours.toFixed(2);