**Practical 3**

**Aim**: A simple stopwatch script, with Start, Stop, and Reset options. Displays seconds, and minutes, and can be set to stop and execute a function when the time of the stopwatch reaches to a certain value.

**INPUT**

<html><head>

<title>STOP WATCH</title>

</head><body>

<h1><time>00:00</time></h1>

<button id="start">start</button>

<button id="stop">stop</button>

<button id="clear">reset</button>

<input type="text" Id="t1" value="11">

<script>

var h1 = document.getElementsByTagName('h1')[0],

start = document.getElementById('start'),

stop = document.getElementById('stop'),

clear = document.getElementById('clear'),

seconds = 0, minutes = 0,

t;

function add() {

var a = document.getElementById('t1').value;

seconds++;

if (seconds >= a)

{ seconds = 0;

minutes++;

h1.textContent = "00:00";

seconds = 0; minutes = 0; hours = 0;

alert("TIME UP");

exit(0); }

h1.textContent = (minutes ? (minutes > 9 ? minutes : "0" + minutes) : "00") + ":" + (seconds > 9 ? seconds : "0" + seconds);

timer(); }

function timer() {

t = setTimeout(add, 1000); }

/\* Start button \*/

start.onclick = timer;

/\* Stop button \*/

stop.onclick = function() {

clearTimeout(t); }

/\* Clear button \*/

clear.onclick = function() {

h1.textContent = "00:00";

clearTimeout(t);

seconds = 0; minutes = 0; }

</script>

</body>

</html>

**OUTPUT**







