**HTML CODE**

<!DOCTYPE html>  
<html lang="en">  
<head>  
<meta charset="UTF-8">  
<meta http-equiv="X-UA-Compatible" content="IE=edge">  
<meta name="viewport" content="width=device-width, initial-scale=1.0">  
<title>Clock using Css and JavaScript</title>  
</head>  
<body>  
<div class="clock">  
<div class="clock\_\_second"></div>  
<div class="clock\_\_minute"></div>  
<div class="clock\_\_hour"></div>  
<div class="clock\_\_axis"></div>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
<section class="clock\_\_indicator"></section>  
</div>  
</body>  
</html>

**CSS CODE**

html,  
body {  
 height: 100%;  
}  
  
body {  
 background: #1b1e23;  
 display: flex;  
 flex-direction: column;  
 justify-content: center;  
 align-items: center;  
 font-family: sans-serif;  
 color: white;  
}  
  
p {  
 color: #f4eed7;  
 font-size: 0.8em;  
 opacity: 0.75;  
}  
  
.clock {  
 height: 200px;  
 width: 200px;  
 border-radius: 100px;  
 display: flex;  
 justify-content: center;  
 position: relative;  
}  
.clock\_\_second, .clock\_\_minute, .clock\_\_hour, .clock\_\_indicator {  
 position: absolute;  
 left: calc(50% - 1px);  
 width: 2px;  
 background: #f4eed7;  
 transform-origin: bottom center;  
 z-index: 2;  
 border-radius: 1px;  
}  
.clock\_\_second {  
 height: 90px;  
 margin-top: 10px;  
 background: #4b9aaa;  
 -webkit-animation: time 60s infinite steps(60);  
 animation: time 60s infinite steps(60);  
 z-index: 3;  
}  
.clock\_\_minute {  
 height: 80px;  
 margin-top: 20px;  
 opacity: 0.75;  
 -webkit-animation: time 3600s linear infinite;  
 animation: time 3600s linear infinite;  
}  
.clock\_\_hour {  
 height: 60px;  
 margin-top: 40px;  
 -webkit-animation: time 43200s linear infinite;  
 animation: time 43200s linear infinite;  
}  
.clock\_\_indicator {  
 height: 98px;  
 border-top: 2px solid #4b9aaa;  
 background: none;  
}  
.clock\_\_indicator:nth-of-type(5n) {  
 opacity: 1;  
 height: 93px;  
 border-top: 7px solid #f4eed7;  
}  
.clock\_\_axis {  
 background: #4b9aaa;  
 width: 5px;  
 height: 5px;  
 border-radius: 3px;  
 position: absolute;  
 z-index: 4;  
 top: 97px;  
}  
  
section:nth-of-type(1) {  
 transform: rotateZ(calc(6deg \* 1));  
}  
  
section:nth-of-type(2) {  
 transform: rotateZ(calc(6deg \* 2));  
}  
  
section:nth-of-type(3) {  
 transform: rotateZ(calc(6deg \* 3));  
}  
  
section:nth-of-type(4) {  
 transform: rotateZ(calc(6deg \* 4));  
}  
  
section:nth-of-type(5) {  
 transform: rotateZ(calc(6deg \* 5));  
}  
  
section:nth-of-type(6) {  
 transform: rotateZ(calc(6deg \* 6));  
}  
  
section:nth-of-type(7) {  
 transform: rotateZ(calc(6deg \* 7));  
}  
  
section:nth-of-type(8) {  
 transform: rotateZ(calc(6deg \* 8));  
}  
  
section:nth-of-type(9) {  
 transform: rotateZ(calc(6deg \* 9));  
}  
  
section:nth-of-type(10) {  
 transform: rotateZ(calc(6deg \* 10));  
}  
  
section:nth-of-type(11) {  
 transform: rotateZ(calc(6deg \* 11));  
}  
  
section:nth-of-type(12) {  
 transform: rotateZ(calc(6deg \* 12));  
}  
  
section:nth-of-type(13) {  
 transform: rotateZ(calc(6deg \* 13));  
}  
  
section:nth-of-type(14) {  
 transform: rotateZ(calc(6deg \* 14));  
}  
  
section:nth-of-type(15) {  
 transform: rotateZ(calc(6deg \* 15));  
}  
  
section:nth-of-type(16) {  
 transform: rotateZ(calc(6deg \* 16));  
}  
  
section:nth-of-type(17) {  
 transform: rotateZ(calc(6deg \* 17));  
}  
  
section:nth-of-type(18) {  
 transform: rotateZ(calc(6deg \* 18));  
}  
  
section:nth-of-type(19) {  
 transform: rotateZ(calc(6deg \* 19));  
}  
  
section:nth-of-type(20) {  
 transform: rotateZ(calc(6deg \* 20));  
}  
  
section:nth-of-type(21) {  
 transform: rotateZ(calc(6deg \* 21));  
}  
  
section:nth-of-type(22) {  
 transform: rotateZ(calc(6deg \* 22));  
}  
  
section:nth-of-type(23) {  
 transform: rotateZ(calc(6deg \* 23));  
}  
  
section:nth-of-type(24) {  
 transform: rotateZ(calc(6deg \* 24));  
}  
  
section:nth-of-type(25) {  
 transform: rotateZ(calc(6deg \* 25));  
}  
  
section:nth-of-type(26) {  
 transform: rotateZ(calc(6deg \* 26));  
}  
  
section:nth-of-type(27) {  
 transform: rotateZ(calc(6deg \* 27));  
}  
  
section:nth-of-type(28) {  
 transform: rotateZ(calc(6deg \* 28));  
}  
  
section:nth-of-type(29) {  
 transform: rotateZ(calc(6deg \* 29));  
}  
  
section:nth-of-type(30) {  
 transform: rotateZ(calc(6deg \* 30));  
}  
  
section:nth-of-type(31) {  
 transform: rotateZ(calc(6deg \* 31));  
}  
  
section:nth-of-type(32) {  
 transform: rotateZ(calc(6deg \* 32));  
}  
  
section:nth-of-type(33) {  
 transform: rotateZ(calc(6deg \* 33));  
}  
  
section:nth-of-type(34) {  
 transform: rotateZ(calc(6deg \* 34));  
}  
  
section:nth-of-type(35) {  
 transform: rotateZ(calc(6deg \* 35));  
}  
  
section:nth-of-type(36) {  
 transform: rotateZ(calc(6deg \* 36));  
}  
  
section:nth-of-type(37) {  
 transform: rotateZ(calc(6deg \* 37));  
}  
  
section:nth-of-type(38) {  
 transform: rotateZ(calc(6deg \* 38));  
}  
  
section:nth-of-type(39) {  
 transform: rotateZ(calc(6deg \* 39));  
}  
  
section:nth-of-type(40) {  
 transform: rotateZ(calc(6deg \* 40));  
}  
  
section:nth-of-type(41) {  
 transform: rotateZ(calc(6deg \* 41));  
}  
  
section:nth-of-type(42) {  
 transform: rotateZ(calc(6deg \* 42));  
}  
  
section:nth-of-type(43) {  
 transform: rotateZ(calc(6deg \* 43));  
}  
  
section:nth-of-type(44) {  
 transform: rotateZ(calc(6deg \* 44));  
}  
  
section:nth-of-type(45) {  
 transform: rotateZ(calc(6deg \* 45));  
}  
  
section:nth-of-type(46) {  
 transform: rotateZ(calc(6deg \* 46));  
}  
  
section:nth-of-type(47) {  
 transform: rotateZ(calc(6deg \* 47));  
}  
  
section:nth-of-type(48) {  
 transform: rotateZ(calc(6deg \* 48));  
}  
  
section:nth-of-type(49) {  
 transform: rotateZ(calc(6deg \* 49));  
}  
  
section:nth-of-type(50) {  
 transform: rotateZ(calc(6deg \* 50));  
}  
  
section:nth-of-type(51) {  
 transform: rotateZ(calc(6deg \* 51));  
}  
  
section:nth-of-type(52) {  
 transform: rotateZ(calc(6deg \* 52));  
}  
  
section:nth-of-type(53) {  
 transform: rotateZ(calc(6deg \* 53));  
}  
  
section:nth-of-type(54) {  
 transform: rotateZ(calc(6deg \* 54));  
}  
  
section:nth-of-type(55) {  
 transform: rotateZ(calc(6deg \* 55));  
}  
  
section:nth-of-type(56) {  
 transform: rotateZ(calc(6deg \* 56));  
}  
  
section:nth-of-type(57) {  
 transform: rotateZ(calc(6deg \* 57));  
}  
  
section:nth-of-type(58) {  
 transform: rotateZ(calc(6deg \* 58));  
}  
  
section:nth-of-type(59) {  
 transform: rotateZ(calc(6deg \* 59));  
}  
  
section:nth-of-type(60) {  
 transform: rotateZ(calc(6deg \* 60));  
}  
  
@-webkit-keyframes time {  
 to {  
 transform: rotateZ(360deg);  
 }  
}  
  
@keyframes time {  
 to {  
 transform: rotateZ(360deg);  
 }  
}

**JavaScript CODE**

var currentSec = getSecondsToday();  
var seconds = (currentSec / 60) % 1;  
var minutes = (currentSec / 3600) % 1;  
var hours = (currentSec / 43200) % 1;  
setTime(60 \* seconds, "second");  
setTime(3600 \* minutes, "minute");  
setTime(43200 \* hours, "hour");  
function setTime(left, hand) {  
$(".clock\_\_" + hand).css("animation-delay", "" + left \* -1 + "s");  
}  
function getSecondsToday() {  
let now = new Date();  
let today = new Date(now.getFullYear(), now.getMonth(), now.getDate());  
let diff = now - today;  
return Math.round(diff