

```
<!DOCTYPE html>
<html>
  <head>
    <title>Clock</title>
    <meta charset="utf-8" />
    <meta name="theme-color" content="#222" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-scale=1.0"
/>
  </head>

  <body>
    <div id="clock-wrapper">
      <div id="clock-center"></div>
      <div id="clock-second"></div>
      <div id="clock-minute"></div>
      <div id="clock-hour"></div>
      <div id="inner-circle"></div>
      <span class="displayed-digits">12</span>
      <span class="displayed-digits">3</span>
      <span class="displayed-digits">6</span>
      <span class="displayed-digits">9</span>
      <span id="am-pm">AM</span>
    </div>
    <div id="my-name"> - #Power'f GOD</div>
  </body>
</html>
```

CSS file

```
html, body
{
  margin: 0;
  height: 100%;
  width: 100%;
  background: #222;
  overflow: auto;
  text-align: center;
  font-family: Sans;
}

* {
  box-sizing: border-box;
}
```

```
#clock-wrapper
```

```
{  
width: 320px;  
height: 320px;  
background: #3058d0;  
border-radius: 50%;  
position: relative;  
margin: 70px auto 70px auto;  
border: 10px outset royalblue;  
box-shadow: 5px 5px 10px #161616;  
}
```

```
span,  
#clock-center,  
#clock-second,  
#clock-minute,  
#clock-hour,  
#inner-circle  
{  
display: inline-block;  
position: absolute;  
}
```

```
#clock-center  
{  
height: 15px;  
width: 15px;  
margin: auto;  
background: #ff7af9;  
top: 142.5px;  
left: 143px;  
border-radius: 50%;  
z-index: 5;  
}
```

```
#clock-second  
{  
width: 1px;  
height: 130px;  
background: white;  
top: 19px;  
left: 150px;  
z-index: 4;  
border-radius: 0.5px;
```

```
}

#clock-minute
{
    width: 3.5px;
    height: 127.5px;
    background: #ff7af9;
    top: 22px;
    left: 149px;
    z-index: 3;
    border-radius: 1.75px;
}

#clock-hour
{
    width: 5.5px;
    height: 85px;
    background: yellow;
    top: 64.5px;
    left: 148px;
    border-radius: 2.75px;
    z-index: 2;
}

#clock-second,
#clock-minute,
#clock-hour
{
    -webkit-transform: rotate(0deg);
    -webkit-transform-origin: 50% 100%;
    -webkit-transition: -webkit-transform 0.75s;
    transform: rotate(0deg);
    transform-origin: 50% 100%;
    transition: transform 0.75s;
}

.digits
{
    width: 3px;
    height: 18px;
    background: yellow;
    border-radius: 1.5px;
    z-index: 2;
```

```
}

.displayed-digits
{
    color: gainsboro;
    font-weight: bolder;
    font-size: 22px;
    font-family: Sans;
    z-index: 0;
}

span:nth-of-type(1)
{
    top: 16px;
    left: 138px;
}

span:nth-of-type(2)
{
    top: 137px;
    right: 20px;
}

span:nth-of-type(3)
{
    bottom: 18px;
    left: 144px;
}

span:nth-of-type(4)
{
    top: 137px;
    left: 22px;
}

#inner-circle
{
    top: 39px;
    left: 40px;
    width: 220px;
    height: 220px;
    border: 2px solid royalblue;
    border-radius: 50%;
```

```
}

.mini-digits
{
    width: 1.5px;
    height: 6px;
    border-radius: 0.75px;
    background: gainsboro;
}

#am-pm
{
    left: 130px;
    top: 170px;
    color: royalblue;
    background: darkblue;
    padding: 3px 10px;
    border-radius: 3px;
    z-index: 0;
    font-weight: bolder;
    font-size: 85%;
    letter-spacing: 2px;
}

#my-name
{
    display: inline-block;
    background: #333;
    padding: 7px 13px;
    position: relative;
    border-radius: 20px;
    font-size: 80%;
    color: #777;
}

JS file
```

```
var ID = document.getElementById.bind(document);

this.onload = function()
{
    var sec, min, hr, clock, secondHand, minuteHand, hourHand, secDeg, minDeg, hrDeg, i, top,
```

```

right, spanDeg, radius;

//loading clock ----->

function loadClock()
{
    sec = new Date().getSeconds() + 2;
    min = new Date().getMinutes();
    hr = new Date().getHours();
    clock = ID("clock-wrapper");
    secondHand = ID("clock-second");
    minuteHand = ID("clock-minute");
    hourHand = ID("clock-hour");

    secDeg = (sec * 6);
    minDeg = (min + (sec / 60)) * 6;
    hrDeg = ((hr - 12) * 30) + ((min / 60) * 30);
}
document.addEventListener("visibilitychange", loadClock);
loadClock();

radius = ((clock.offsetWidth - 20) / 2)

//starting clock ----->

setInterval(function()
{
    secondHand.style.WebkitTransform = "rotate(" + secDeg + "deg)";
    minuteHand.style.WebkitTransform = "rotate(" + minDeg + "deg)";
    hourHand.style.WebkitTransform = "rotate(" + hrDeg + "deg)";
    secondHand.style.transform = "rotate(" + secDeg + "deg)";
    minuteHand.style.transform = "rotate(" + minDeg + "deg)";
    hourHand.style.transform = "rotate(" + hrDeg + "deg)";

    secDeg += 6;  minDeg += 0.1;  hrDeg += 0.1/60;
    hr = new Date().getHours();
    if (hr > 11)
        ID("am-pm").innerHTML = "PM";
    else

```

```

ID("am-pm").innerHTML = "AM";
}, 1000);

//creating hours strokes (with the <span> tag) ----->

for (i = 0, spanDeg = 0; i < 12; i++, spanDeg += 30)
{
    top = (Math.cos(spanDeg * Math.PI/180) * (radius - 10)).toFixed(6);
    right = (Math.sin(spanDeg * Math.PI/180) * (radius - 10)).toFixed(6);

    clock.insertAdjacentHTML("beforeend", "<span class='digits d" + i + "'></span>");
    clock.getElementsByClassName("d"+i)[0].style.WebkitTransform = "rotate(" + spanDeg +
    "deg)";
    clock.getElementsByClassName("d"+i)[0].style.transform = "rotate(" + spanDeg + "deg)";
    clock.getElementsByClassName("d"+i)[0].style.top = ((radius - 9.5) - top) + "px";
    clock.getElementsByClassName("d"+i)[0].style.right = ((radius - 1.5) - right) + "px";
}

//creating minutes strokes (with the <span> tag) ----->

for (i = 0, spanDeg = 0; i < 60; i++, spanDeg += 6)
{
    if (spanDeg % 30 != 0)
    {
        top = (Math.cos(spanDeg * Math.PI/180) * (radius - 10)).toFixed(6);
        right = (Math.sin(spanDeg * Math.PI/180) * (radius - 10)).toFixed(6);

        clock.insertAdjacentHTML("beforeend", "<span class='mini-digits md" + i + "'></span>");
        clock.getElementsByClassName("md"+i)[0].style.WebkitTransform = "rotate(" + spanDeg +
        "deg)";
        clock.getElementsByClassName("md"+i)[0].style.transform = "rotate(" + spanDeg + "deg)";
        clock.getElementsByClassName("md"+i)[0].style.top = ((radius - 4) - top) + "px";
        clock.getElementsByClassName("md"+i)[0].style.right = ((radius - 0.5) - right) + "px";
    }
    else continue;
}
}

```

//END ----->

alert("Waaaaooh! 😱 Code Of The Day! 😊 Thank you so much, SoloLearn, for this. What a great honour! 😊\n\nAnd thanks, guys. You all did it! 😊\n\nWaoh! This is great! 😊")