// animation EG1

<!DOCTYPE html>

<html>

<head>

<title></title>

<style type="text/css">

body{

background-color:black;

}

.sun{

position:absolute;

top:300px;

left:300px;

width:300px;

height:300px;

border-radius:50%;

background:yellow

}

.moon{

position:absolute;

left:-200px;

top:-200px;

width:200px;

height:200px;

border-radius:50%;

background: white;

animation-iteration-count:infinite;

animation-timing-function:linear;

animation-name:moonover;

animation-duration:5s;

}

@keyframes moonover {

0%{left:-200px; top:-200px;}

100%{left:330px; top:500px; background-color:gray;}

}

</style>

</head>

<body>

<div class="sun">

<div class="moon">

</div>​

</div>​

</body>

</html>

//newton

.pendulum{

position:absolute;

width: 220px;

height: 180px;

background-color: #f8c6cf;

top:50%;

left:50%;

border-radius: 5%;

align-items: center;

border-top: 15px solid #eee7d5;

transform: translate(-50%, -50%);

border:5px solid green;

}

.pendulum\_box{

display: flex;

padding: 120px 0 0 10px;

position: absolute;

flex: 1;

border:1px solid yellow;

}

.ball{

height: 40px;

width: 40px;

border-radius: 50%;

background-color: #455681;

position: relative;

transform-origin: 50% -300%;

border:2px solid aqua;

}

.ball::before{

content: 'cradle';

width: 2px;

height: 120px;

background-color: #fffeff;

left: 18px;

top: -120px;

position: absolute;

border:2px solid brown;

}

.ball.first{

animation: firstball .9s alternate ease-in infinite;

}

@keyframes firstball{

0%{

transform: rotate(35deg);

}

50%{

transform: rotate(0deg);

}

}

.ball.last{

animation: lastball .9s alternate ease-out infinite;

}

@keyframes lastball{

50%{

transform: rotate(0deg);

}

100%{

transform: rotate(-35deg);

}

}

<body>

<div class="pendulum">

<div class="pendulum\_box">

<div class="ball first"></div>

<div class="ball"></div>

<div class="ball"></div>

<div class="ball"></div>

<div class="ball last"></div>

</div>

</div>

</body>