

```
//HTML
```

```
<title>Title of the document </title>
```

```
<link href="newton.css" rel="stylesheet" type="text/css" />
```

```
</head>
```

```
<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>
```

```
</html>
```

```
//CSS
```

```
.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%);
}
.pendulum_box{
display: flex;
padding: 120px 0 0 10px;
position: absolute;
flex: 1;
}
.ball{
height: 40px;
width: 40px;
border-radius: 50%;
background-color: #455681;
position: relative;
transform-origin: 50% -300%;
}
.ball::before{
content: "";
width: 2px;
height: 120px;
background-color: #fffeff;
left: 18px;
top: -120px;
position: absolute;
}
```

```
.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);  
  }  
}
```