```html
//HTML
<html>
  <head>
    <link rel="stylesheet" href="solar1.css"/>
  </head>
 <body>


  <div id="universe">
   <div id="galaxy">


     <div id="sun">
     </div>


     <div id="mercury" class="orbit">
       <div class="pos">
       <div class="planet"></div>
      </div>
     </div>


   </div>
  </div>


 </body>
</html>
```

//CSS **solar1.css**

```css
* {
 -moz-box-sizing: border-box;
```

```css
  box-sizing: border-box;

}


#universe {

  z-index: 1;

  position: absolute;

  overflow: hidden;

  width: 100%;

  height: 100%;

  background-position: center 40%;

  background-repeat: no-repeat;

  background-size: cover;

}


#galaxy {

  position: relative;

  width: 100%;

  height: 100%;

  transform: rotateX(75deg);

  transform-style: preserve-3d;

}


#sun, .planet {

  position: absolute;

  top: 50%;

  left: 50%;

  width: 1em;

  height: 1em;

  margin-top: -0.5em;
```

```css
  margin-left: -0.5em;

  border-radius: 50%;

transform-style: preserve-3d;

}


#sun {

  background-color: #FB7209;

  background-repeat: no-repeat;

  background-size: cover;

transform: rotateX(-75deg);

}


.pos {

  position: absolute;

  transform-style: preserve-3d;

  animation-name: invert;

  animation-iteration-count: infinite;

  animation-timing-function: linear;

}


.planet {

  background-color: #202020;

  background-repeat: no-repeat;

  background-size: cover;


}


.orbit {

  position: absolute;
```

```css
    top: 50%;

    left: 50%;

    border: 1px solid white ;

    border-radius: 50%;

    animation-name: orbit;

    animation-iteration-count: infinite;

    animation-timing-function: linear;

    transform-style: preserve-3d;

}


@keyframes orbit {

  0%   { transform: rotateZ(0deg); }

  100% { transform: rotateZ(-360deg); }

}


@keyframes invert {

  0%   { transform: rotateX(-90deg) rotateY(360deg) rotateZ(0deg); }

  100% { transform: rotateX(-90deg) rotateY(0deg) rotateZ(0deg); }

}


#mercury.orbit {

  width: 12em;

  height: 12em;

  margin-top: -6em;

  margin-left: -6em;

}
#mercury .pos {

  left: 50%;

  top: -1px;
```

```css
  border: solid 3px red;
}
#mercury.orbit, #mercury .pos {
  animation-duration: 3s;
}
#sun {
  background-image: url('sun.PNG');
}
#mercury .planet {
  background-image: url('mercury.PNG');
}
#universe {
  background-image: url('night.jpg');
}
```