**Animations**

Using animations feature in css3 we can create animations, which can replace animated images, Flash animations, and JavaScripts in many web pages.

**@keyframes Rule:**

The @keyframes rule is where the animation is created. Specify a CSS style inside the @keyframes rule and the animation will gradually change from the current style to the new style.

```css
@keyframes myfirst {
  from {
    background: green;
  }
  to {
    background: yellow;
  }
}
div {
  width: 100px;
  height: 100px;
  background: green;
  position: relative;
}
div:hover {
  background: green;
  animation: myfirst 5s;
}
<div></div>
Or
<div style="animation: myfirst 5s linear 2s infinite alternate; "></div>
```

You can specify when the change will happen in percent.

0% represents the start of the animation, 100% is when the animation is complete.

**Example:**

```css
@keyframes myfirst {
  0% {background: red; left: 0px; top: 0px; }
```

```
    25% {background: yellow; left: 200px; top: 0px; }

    50% {background: blue; left: 200px; top: 200px; }

    75% {background: green; left: 0px; top: 200px; }

    100% {background: red; left: 0px; top: 0px; }

}
```

**Animation Properties:**

```
div:hover {
    animation: myfirst;
    animation-timing-function: linear;
    animation-delay: 2s;
    animation-iteration-count: infinite;
    animation-direction: reverse;
    animation-play-state: running;
}
```