animationstart, animationiteration, animationend Events

<!DOCTYPE html>

<html>

<head>

<style>

#myDIV {

margin: 25px;

width: 550px;

height: 100px;

background: orange;

position: relative;

font-size: 20px;

line-height: 100px; text-align:center;

}

/\* Chrome, Safari, Opera \*/

@-webkit-keyframes mymove {

from {top: 0px;}

to {top: 200px;}

}

@keyframes mymove {

from {top: 0px;}

to {top: 200px;}

}

</style>

</head>

<body>

<p>This example uses the addEventListener() method to attach an "animationstart", "animationiteration" and "animationend" event to a DIV element.</p>

<div id="myDIV" onclick="myFunction()">Click me to start the animation.</div>

<script>

var x = document.getElementById("myDIV");

// Start the animation with JavaScript

function myFunction() {

x.style.WebkitAnimation = "mymove 4s 3"; // Code for Chrome, Safari and Opera

x.style.animation = "mymove 4s 3"; // Standard syntax

}

// Code for Chrome, Safari and Opera

x.addEventListener("webkitAnimationStart", myStartFunction);

x.addEventListener("webkitAnimationIteration", myRepeatFunction);

x.addEventListener("webkitAnimationEnd", myEndFunction);

// Standard syntax

x.addEventListener("animationstart", myStartFunction);

x.addEventListener("animationiteration", myRepeatFunction);

x.addEventListener("animationend", myEndFunction);

function myStartFunction() {

this.innerHTML = "animationstart event occured - The animation has started";

this.style.backgroundColor = "pink";

}

function myRepeatFunction() {

this.innerHTML = "animationiteration event occured - The animation was played again";

this.style.backgroundColor = "lightblue";

}

function myEndFunction() {

this.innerHTML = "animationend event occured - The animation has completed";

this.style.backgroundColor = "lightgray";

}

</script>

</body>

</html>