<!DOCTYPE html>

<html>

<head>

<style>

div {

width: 100px;

height: 100px;

background-color: red;

position: relative;

animation-name: example;

animation-duration: 4s;

animation-iteration-count: infinite;

}

@keyframes example {

0% {background-color:red; left:0px; top:0px;}

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

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

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

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

}

</style>

</head>

<body>

<h1>CSS Animation</h1>

<p>The animation-iteration-count property can be set to infinite to let the animation run for ever:</p>

<div></div>

</body>

</html>

1. Write a HTML Program to use animation-duration property.

<!DOCTYPE html>

<html>

<head>

<style>

div {

width: 100px;

height: 100px;

background-color: red;

animation-name: example;

animation-duration: 4s;

}

@keyframes example {

from {background-color: red;}

to {background-color: yellow;}

}

</style>

</head>

<body>

<h1>CSS Animation</h1>

<div></div>

<p><b>Note:</b> When an animation is finished, it goes back to its original style.</p>

</body>

</html>

2. Write a HTML Program to use Animation Delay Duration property.

<!DOCTYPE html>

<html>

<head>

<style>

div {

width: 100px;

height: 100px;

background-color: red;

position: relative;

animation-name: example;

animation-duration: 4s;

animation-delay: 2s;

}

@keyframes example {

0% {background-color:red; left:0px; top:0px;}

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

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

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

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

}

</style>

</head>

<body>

<h1>CSS Animation</h1>

<p>The animation-delay property specifies a delay for the start of an animation. The following example has a 2 seconds delay before starting the animation:</p>

<div></div>

</body>

</html>

4. Write a HTML Program to use Animation Dir\_Reverse Property.

<!DOCTYPE html>

<html>

<head>

<style>

div {

width: 100px;

height: 100px;

background-color: red;

position: relative;

animation-name: example;

animation-duration: 4s;

animation-direction: reverse;

}

@keyframes example {

0% {background-color:red; left:0px; top:0px;}

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

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

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

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

}

</style>

</head>

<body>

<h1>CSS Animation</h1>

<p>The animation-direction property specifies whether an animation should be played forwards, backwards or in alternate cycles. The following example will run the animation in reverse direction (backwards):</p>

<div></div>

</body>

</html>

<!DOCTYPE html>

<html>

<head>

<style>

div {

width: 100px;

height: 100px;

background-color: red;

position: relative;

animation-name: example;

animation-duration: 4s;

animation-iteration-count: 3;

}

@keyframes example {

0% {background-color:red; left:0px; top:0px;}

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

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

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

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

}

</style>

</head>

<body>

<h1>CSS Animation</h1>

<p>The animation-iteration-count property specifies the number of times an animation should run. The following example will run the animation 3 times before it stops:</p>

<div></div>

</body>

</html>

3. Write a HTML Program to use Animation Timing Function Property.

<!DOCTYPE html>

<html>

<head>

<style>

div {

width: 100px;

height: 50px;

background-color: red;

font-weight: bold;

position: relative;

animation: mymove 5s infinite;

}

#div1 {animation-timing-function: linear;}

#div2 {animation-timing-function: ease;}

#div3 {animation-timing-function: ease-in;}

#div4 {animation-timing-function: ease-out;}

#div5 {animation-timing-function: ease-in-out;}

@keyframes mymove {

from {left: 0px;}

to {left: 300px;}

}

</style>

</head>

<body>

<h1>CSS Animation</h1>

<p>The animation-timing-function property specifies the speed curve of the animation. The following example shows some of the different speed curves that can be used:</p>

<div id="div1">linear</div>

<div id="div2">ease</div>

<div id="div3">ease-in</div>

<div id="div4">ease-out</div>

<div id="div5">ease-in-out</div>

</body>

</html>

5. Write a HTML Program to use Transition Property.

<!DOCTYPE html>

<html>

<head>

<style>

div {

width: 100px;

height: 100px;

background: red;

transition: width 2s;

}

div:hover {

width: 300px;

}

</style>

</head>

<body>

<h1>The transition Property</h1>

<p>Hover over the div element below, to see the transition effect:</p>

<div></div>

</body>

</html>

<!DOCTYPE html>

<html>

<head>

<style>

div {

width: 100px;

height: 100px;

background: red;

transition: width 2s, height 4s;

}

div:hover {

width: 300px;

height: 300px;

}

</style>

</head>

<body>

<h1>The transition Property</h1>

<p>Hover over the div element below, to see the transition effect:</p>

<div></div>

</body>

</html>