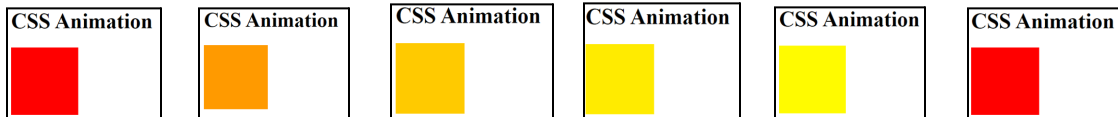


CSS Animation - Practice code

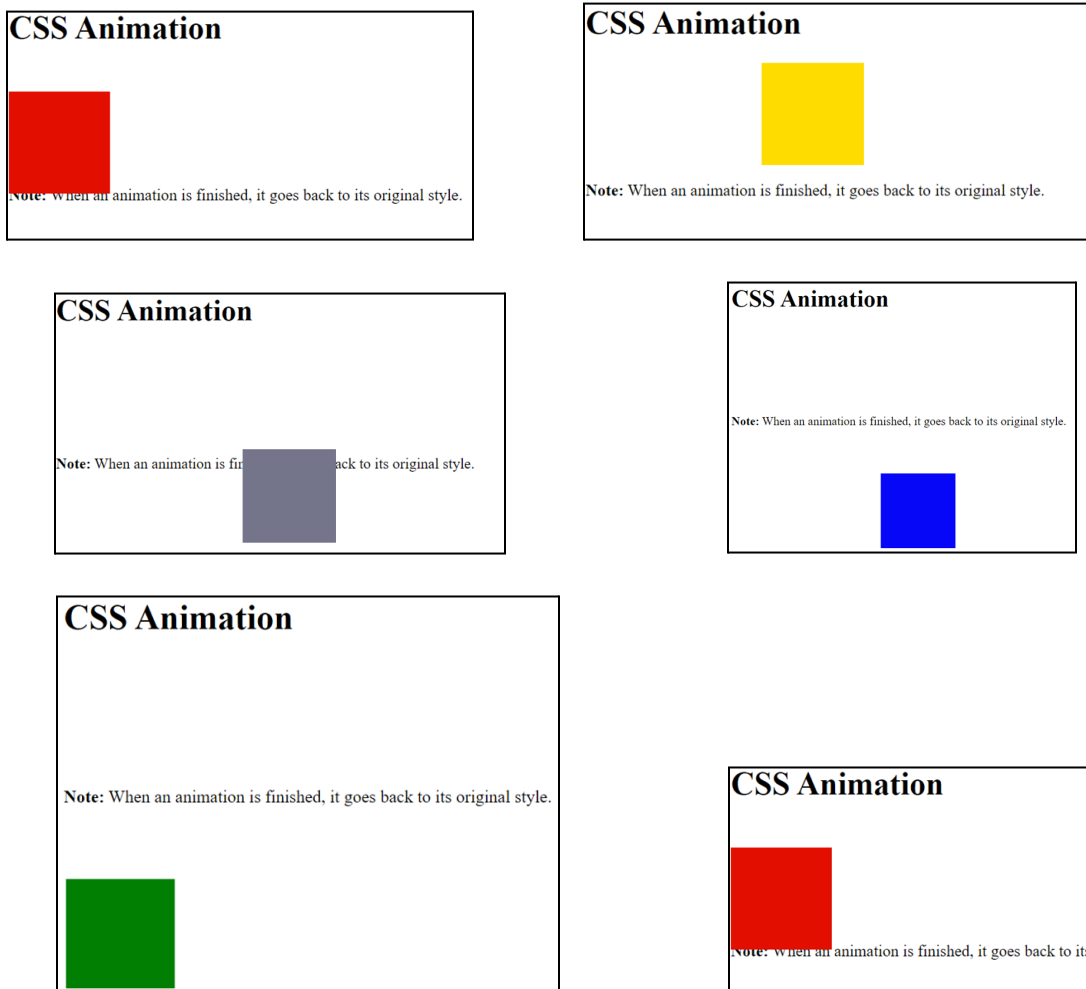
Problem Statement 1: Keyframes

Create a box, whose background color changes slowly from color to other color and when an animation is finished, it goes back to its original original.



Problem Statement 2: Keyframes

Create a box that changes color and moves with help of keyframe, animation-name, animation-duration, background-color, top and left properties.



Problem Statement 3: Animation delay

Create a box that changes color and moves with help of keyframe, animation-name, animation-duration, background-color, top and left properties. And delay the animation before starting using animation-delay property.

CSS Animation



Note: When an animation is finished, it goes back to its original style.

CSS Animation



Note: When an animation is finished, it goes back to its original style.

CSS Animation

Note: When an animation is finished, it goes back to its original style.



CSS Animation

Note: When an animation is finished, it goes back to its original style.



CSS Animation

Note: When an animation is finished, it goes back to its original style.



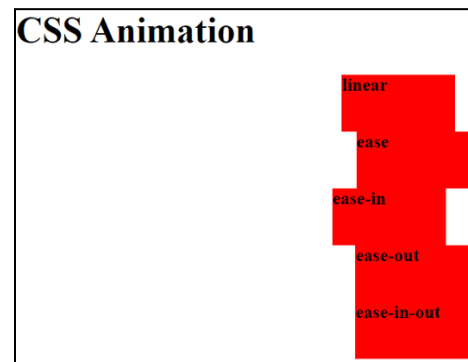
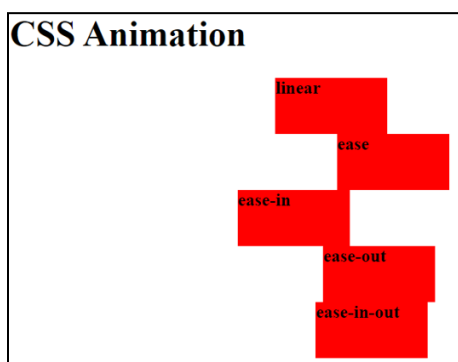
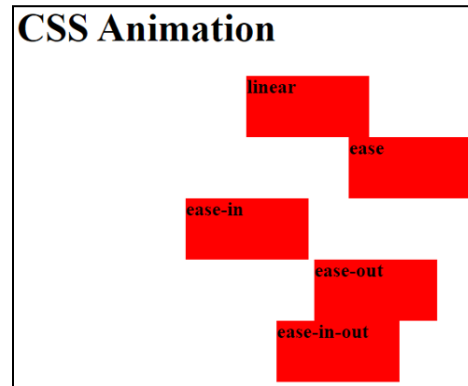
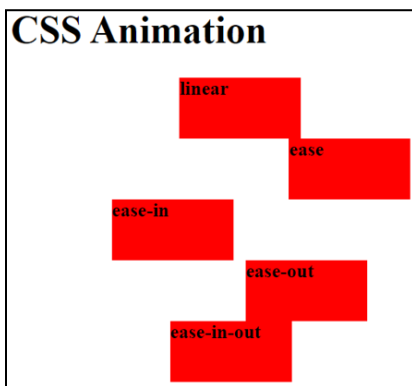
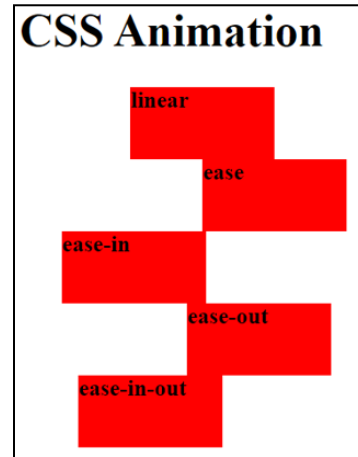
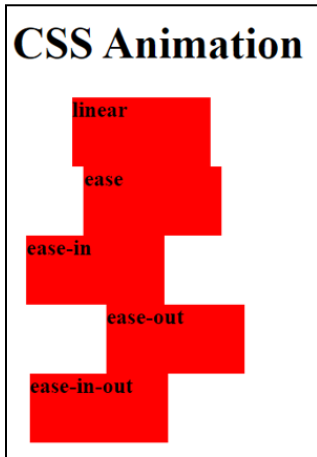
CSS Animation



Note: When an animation is finished, it goes back to its original style.

Problem Statement 4: Speed curve

Using animation-timing-function property, specify the speed curve of the animation and create the following animation.



Solution

Problem Statement 1:

```
<!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>
</body>
</html>
```

Problem Statement 2:

```
<!DOCTYPE html>
<html>
<head>
<style>
div {
  width: 100px;
  height: 100px;
  background-color: red;
  position: relative;
  animation-name: example;
  animation-duration: 4s;
}

@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>

<div></div>

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

</body>
</html>
```

Problem Statement 3:

```
<!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>

<div></div>

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

Problem Statement 4:

```
<!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>

<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>
```