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IP Experiment 2

AIM :

Demonstrate CSS3 selectors, transitions, and some animation on web page.

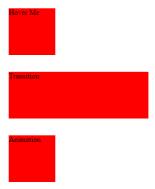## ALGORITHM:

Step 1 : Add require html details.
Step 2 : Add the required CSS to design page and give transition and animation effects and using the selectors if required,else do it in same HTML file in 'style' tag.

PROGRAM:

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Experiment No 2</title>
    <style>
      .child3 {
        width: 100px;
        height: 100px;
        background-color: red;
        animation-name: example;
```

```css
    animation-duration: 4s;
}

@keyframes example {
  0% {
    background-color: red;
  }
  25% {
    background-color: yellow;
  }
  50% {
    background-color: blue;
  }
  100% {
    background-color: green;
  }
}

.child2 {
  width: 100px;
  height: 100px;
  background-color: red;
  transition: width 2s;
}
.child2:hover {
  width: 300px;
}
.child1 {
```

```
      width: 100px;
      height: 100px;
      background-color: red;
      transition: width 2s;
    }
    .child1:hover {
      background-color: brown;
    }
  </style>
</head>
<body>
  <div class="main">
    <div class="child1">Hover Me</div>
    <br /><br />
    <div class="child2">Transition</div>
    <br /><br />
    <div class="child3">Animation</div>
  </div>
</body>
</html>
```

OUTPUT:

Hover Me

Transition

Animation

CONCLUSION:

Thus we demonstrated CSS3 selectors, transitions, and some animation on web page.