

## Experiment No - 6

Code:

### StyledComponent.js

```
import React, { useState, useEffect } from 'react';
function StyledComponent() {
  const [color, setColor] = useState('blue');
  useEffect(() => {
    const style = document.createElement('style');
    style.textContent = `
      .dynamic-color {
        color: ${color};
      } `;
    document.head.appendChild(style);
    return () => {
      document.head.removeChild(style);
    };
  }, [color]);
  return (
    <div>
      <h1 className="dynamic-color">useEffect Example</h1>
      <button onClick={() => setColor('red')}>Change to red</button>
      <button onClick={() => setColor('green')}>Change color to green</button>
    </div>
  );
}
export default StyledComponent;
```

Output:

useEffect Example

Change to red

Change color to green

useEffect Example

Change to red

Change color to green

useEffect Example

Change to red

Change color to green