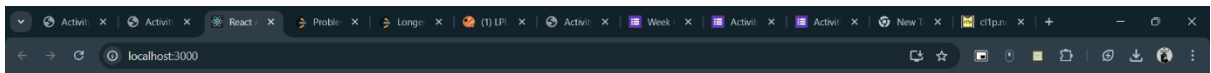


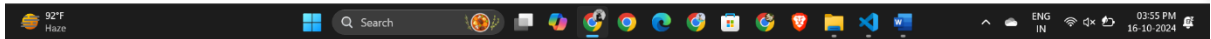
Counter: 6

Increment Decrement
Switch to Dark Mode



Counter: 6

Increment Decrement
Switch to Light Mode



Activity6.JSX

```
import React, { useState, useEffect } from 'react';
import './Activity6.css';

function Activity6() {
  const [count, setCount] = useState(0);
  const [mode, setMode] = useState('light');

  useEffect(() => {
    console.log(`Counter value: ${count}`);
  }, [count]);

  const toggleMode = () => {
    setMode((prevMode) => (prevMode === 'light' ? 'dark' : 'light'));
  };

  return (
    <div className={`app ${mode}`}>
      <h1>Counter: {count}</h1>
      <button onClick={() => setCount((c) => c + 1)}>Increment</button>

      <button onClick={() => setCount((c) => c - 1)}>Decrement</button>
      <div>
        <button onClick={toggleMode}>
          {mode === 'light' ? 'Switch to Dark Mode' : 'Switch to Light Mode'}
        </button>
      </div>
    </div>
  );
}
```

```
}
```

```
export default Activity6;
```

Activity6.css

```
.app {  
  text-align: center;  
  padding: 20px;  
  transition: background-color 0.3s ease, color 0.3s ease;  
}
```

```
.app.light {  
  background-color: white;  
  color: black;  
}
```

```
.app.dark {  
  background-color: black;  
  color: white;  
}
```

```
.app.dark button:hover {  
  background-color: #555555;  
}
```

