

## Week 7 :

### REACT - EX 11 Title: Event Handling in React

#### App.js

```
import React, { useState } from "react";
import "./App.css";
import CurrencyConvertor from "./CurrencyConvertor";

function App() {
  const [count, setCount] = useState(0);

  const increment = () => {
    setCount(count + 1);
    alert("Hello! This is a static message.");
  };

  const decrement = () => {
    setCount(count - 1);
  };

  const sayWelcome = () => {
    alert("Welcome!");
  };

  const syntheticClick = () => {
    alert("I was clicked");
  };

  return (
    <div className="App">
      <h2>React Events</h2>

      <h3>Counter: {count}</h3>
      <button onClick={increment}>Increment</button>
      <button onClick={decrement} style={{ marginLeft: "10px" }}>
        Decrement
      </button>

      <br /><br />
      <button onClick={sayWelcome}>Say Welcome</button>

      <br /><br />
      <button onClick={syntheticClick}>Synthetic Event</button>

      <hr />
      <CurrencyConvertor />
    </div>
  );
}
```

```
    </div>
  );
}
```

```
export default App;
```

### **CurrencyConvertor.js**

```
import React, { useState } from "react";
```

```
const CurrencyConvertor = () => {
  const [rupees, setRupees] = useState("");
  const [euro, setEuro] = useState(null);

  const handleSubmit = (e) => {
    e.preventDefault();
    const euroAmount = parseFloat(rupees) / 90;
    setEuro(euroAmount.toFixed(2));
  };
};
```

```
return (
  <div>
    <h3>Currency Convertor</h3>
    <form onSubmit={handleSubmit}>
      <input
        type="number"
        placeholder="Enter Rupees"
        value={rupees}
        onChange={(e) => setRupees(e.target.value)}
      />
      <button type="submit">Convert</button>
    </form>
    {euro && <h4>Converted: €{euro}</h4>}
  </div>
);
};
```

```
export default CurrencyConvertor;
```

### **App.css**

```
.App {
  text-align: center;
  padding: 30px;
  font-family: Arial, sans-serif;
}
```

```
button {  
  margin: 5px;  
  padding: 8px 15px;  
  font-size: 16px;  
}
```

```
input {  
  padding: 6px;  
  font-size: 14px;  
}
```

OUTPUT:





