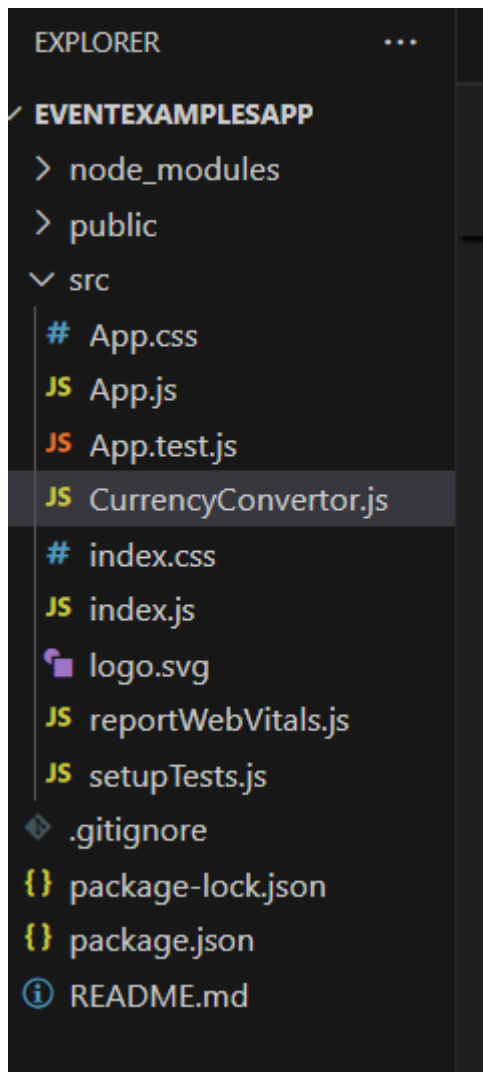


## 11. REACTJS-HQL

### FOLDER STRUCTURE



### App.js

```
import React, { Component } from 'react';
import CurrencyConvertor from './CurrencyConvertor';
class App extends Component {
  constructor() {
    super();
    this.state = {
      count: 0
```

```
};  
}  
handleIncrement = () => {  
  this.setState({ count: this.state.count + 1 });  
  this.sayHello();  
};  
sayHello = () => {  
  console.log("Hello! This is a static message.");  
};  
handleDecrement = () => {  
  this.setState({ count: this.state.count - 1 });  
};  
sayWelcome = (msg) => {  
  alert(msg);  
};  
handleClick = (e) => {  
  e.preventDefault(); // synthetic event  
  alert("I was clicked");  
};  
render() {  
  return (  
    <div style={{ padding: '20px', fontFamily: 'Arial' }}>  
      <h2>React Event Handling Lab</h2>  
      <p>Counter: {this.state.count}</p>  
      <button onClick={this.handleIncrement}>Increment</button>{' '  
      <button onClick={this.handleDecrement}>Decrement</button>  
<br /><br />
```

```

    <button onClick={() => this.sayWelcome("Welcome to React Events!")}>
      Say Welcome
    </button>
  <br /><br />
  <button onClick={this.handleClick}>Synthetic Event OnPress</button>
<br /><br />
<CurrencyConvertor />
</div>
);
}
}
export default App;

```

### CurrencyConvertor.js

```

import React, { Component } from 'react';
class CurrencyConvertor extends Component {
  constructor() {
    super();
    this.state = {
      rupees: "",
      euro: ""
    };
  }
  handleChange = (e) => {
    this.setState({ rupees: e.target.value });
  };
  handleSubmit = () => {
    const euro = (parseFloat(this.state.rupees) / 90).toFixed(2);

```

```

    this.setState({ euro });
  };
  render() {
    return (
      <div>
        <h3>Currency Convertor (INR ➡ EUR)</h3>
        <input
          type="number"
          placeholder="Enter amount in Rupees"
          value={this.state.rupees}
          onChange={this.handleChange}
        />
        <button onClick={this.handleSubmit}>Convert</button>
        {this.state.euro && (
          <p>Converted Amount in Euro: €{this.state.euro}</p>
        )}
      </div>
    );
  }
}

export default CurrencyConvertor;

```

# OUTPUT

