**Ex 11**

**App.js**

import React, { useState } from 'react';

import CurrencyConvertor from './CurrencyConvertor';

const App = () => {

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

const increment = () => {

setCount(prev => prev + 1);

sayHello();

};

const decrement = () => {

setCount(prev => prev - 1);

};

const sayHello = () => {

console.log("Hello Abishek! Keep clicking!");

};

const sayWelcome = (msg) => {

alert(msg);

};

const handleClick = (event) => {

alert("I was clicked");

console.log("Synthetic Event:", event);

};

return (

<div style={{ padding: "40px", fontFamily: "Arial" }}>

<h1>React Event Examples</h1>

<h2>Counter: {count}</h2>

<button onClick={increment}>Increment</button>

<button onClick={decrement} style={{ marginLeft: "10px" }}>Decrement</button>

<div style={{ marginTop: "20px" }}>

<button onClick={() => sayWelcome("Welcome Abishek!")}>Say Welcome</button>

</div>

<div style={{ marginTop: "20px" }}>

<button onClick={handleClick}>Synthetic Event OnPress</button>

</div>

<hr style={{ margin: "30px 0" }} />

<CurrencyConvertor />

</div>

);

};

export default App;

**CurrencyConvertor.js**

import React, { useState } from 'react';

const CurrencyConvertor = () => {

const [rupees, setRupees] = useState('');

const [euros, setEuros] = useState(null);

const handleSubmit = (e) => {

e.preventDefault();

const conversionRate = 0.011; // Roughly 1 INR = 0.011 EUR

const converted = (parseFloat(rupees) \* conversionRate).toFixed(2);

setEuros(converted);

};

return (

<div>

<h2>Currency Convertor</h2>

<form onSubmit={handleSubmit}>

<input

type="number"

value={rupees}

onChange={(e) => setRupees(e.target.value)}

placeholder="Enter amount in ₹"

/>

<button type="submit" style={{ marginLeft: "10px" }}>Convert</button>

</form>

{euros !== null && (

<p style={{ marginTop: "15px" }}>

{rupees} INR = <strong>{euros} EUR</strong>

</p>

)}

</div>

);

};

export default CurrencyConvertor;

**Output :**







