**WEEK 7 SOLUTONS**

**Exercise 11:** React Application named “eventexamplesapp”

**SOLUTION:**

**App.js:**

import React, { useState } from "react";

import CurrencyConvertor from "./CurrencyConvertor";

function App() {

const [count, setCount] = useState(1);

const handleIncrement = () => {

setCount(count + 1);

sayHello();

};

const handleDecrement = () => {

setCount(count - 1);

};

const sayHello = () => {

alert("Hello! This is a static message.");

};

const sayWelcome = (msg) => {

alert(`Welcome message: ${msg}`);

};

const handleClick = (e) => {

alert("I was clicked");

};

return (

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

<p>{count}</p>

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

<button onClick={handleDecrement}>Decrement</button>

<br /><br />

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

<br /><br />

<button onClick={handleClick}>Click on me</button>

<br /><br />

<CurrencyConvertor />

</div>

);

}

export default App;

**CurreuncyConverter.js**

import React, { useState } from "react";

function CurrencyConvertor() {

const [amount, setAmount] = useState("");

const [currency, setCurrency] = useState("Euro");

const handleSubmit = (e) => {

e.preventDefault();

let converted = 0;

if (currency === "Euro") {

converted = parseFloat(amount) \* 80; // Assuming 1 Euro = 80 INR

}

alert(`Converting to ${currency} Amount is ${converted}`);

};

return (

<div>

<h1 style={{ color: "green" }}>Currency Convertor!!!</h1>

<form onSubmit={handleSubmit}>

<label>

Amount:

<input

type="number"

value={amount}

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

/>

</label>

<br /><br />

<label>

Currency:

<select

value={currency}

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

>

<option value="Euro">Euro</option>

</select>

</label>

<br /><br />

<button type="submit">Submit</button>

</form>

</div>

);

}

export default CurrencyConvertor;

**Output:**







