**React js**

import React, { useState } from 'react';

const App = () => {

const [continent, setContinent] = useState('');

const [fruit, setFruit] = useState('');

const [vegetable, setVegetable] = useState('');

const fruits = {

asia: ["Mango", "Banana", "Apple"],

europe: ["Orange", "Strawberry", "Pear"],

africa: ["Pineapple", "Watermelon", "Grapes"]

};

const vegetables = {

mango: ["Carrot", "Cabbage", "Broccoli"],

banana: ["Tomato", "Cucumber", "Bell Pepper"],

apple: ["Lettuce", "Spinach", "Kale"],

orange: ["Potato", "Onion", "Garlic"],

strawberry: ["Celery", "Eggplant", "Zucchini"],

pear: ["Radish", "Mushroom", "Cauliflower"],

pineapple: ["Pumpkin", "Sweet Potato", "Beetroot"],

watermelon: ["Green Bean", "Asparagus", "Brussels Sprouts"],

grapes: ["Corn", "Peas", "Artichoke"]

};

const handleContinentChange = (event) => {

const selectedContinent = event.target.value;

setContinent(selectedContinent);

setFruit('');

setVegetable('');

};

const handleFruitChange = (event) => {

const selectedFruit = event.target.value;

setFruit(selectedFruit);

setVegetable('');

};

const handleVegetableChange = (event) => {

const selectedVegetable = event.target.value;

setVegetable(selectedVegetable);

};

const handleSubmit = (event) => {

event.preventDefault(); // Prevent form submission

// Perform desired action with the selected values

console.log("Continent:", continent);

console.log("Fruit:", fruit);

console.log("Vegetable:", vegetable);

// Reset the form

setContinent('');

setFruit('');

setVegetable('');

};

return (

<div>

<h1>Dropdown List</h1>

<form id="myForm" onSubmit={handleSubmit}>

<select id="continent-select" value={continent} onChange={handleContinentChange}>

<option value="">Select</option>

<option value="asia">Option 1</option>

<option value="europe">Option 2</option>

<option value="africa">Option 3</option>

</select>

<select id="fruit-select" value={fruit} onChange={handleFruitChange}>

<option value="">Second Select</option>

{fruits[continent] &&

fruits[continent].map((fruit) => (

<option key={fruit} value={fruit.toLowerCase()}>{fruit}</option>

))

}

</select>

<select id="vegetable-select" value={vegetable} onChange={handleVegetableChange}>

<option value="">Select Vegetable</option>

{vegetables[fruit] &&

vegetables[fruit].map((vegetable) => (

<option key={vegetable} value={vegetable.toLowerCase()}>{vegetable}</option>

))

}

</select>

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

</form>

</div>

);

};

export default App;

**Index Js**

import React from 'react';

import ReactDOM from 'react-dom';

import App from './App';

ReactDOM.render(

<React.StrictMode>

<App />

</React.StrictMode>,

document.getElementById('root')

);

**SETUP tests**

import '@testing-library/jest-dom';