***Object:****Write a HTML,CSS program to make a Currency Converter with javascript.*

***Source Code:***

***Index.html***

*<!DOCTYPE html>*

*<html lang="en">*

*<head>*

*<meta charset="UTF-8">*

*<meta http-equiv="X-UA-Compatible" content="IE=edge">*

*<meta name="viewport" content="width=device-width, initial-scale=1.0">*

*<title>Currency Converter</title>*

*<link rel="stylesheet" href="style.css">*

*</head>*

*<body>*

*<div class="container">*

*<h1>Currency Converter</h1>*

*<div class="currency-container">*

*<select id="currency-first">*

*<option value="AUD">AUD</option>*

*<option value="CAD">CAD</option>*

*<option value="EUR">EUR</option>*

*<option value="GBP">GBP</option>*

*<option value="INR">INR</option>*

*<option value="JPY">JPY</option>*

*<option value="USD" selected>USD</option>*

*</select>*

*<input type="number" id="worth-first" value="1" min="0">*

*</div>*

*<div class="currency-container">*

*<select id="currency-second">*

*<option value="AUD">AUD</option>*

*<option value="CAD">CAD</option>*

*<option value="EUR">EUR</option>*

*<option value="GBP">GBP</option>*

*<option value="INR" selected>INR</option>*

*<option value="JPY">JPY</option>*

*<option value="USD">USD</option>*

*</select>*

*<input type="number" id="worth-second" disabled>*

*</div>*

*<p class="exchange-rate" id="exchange-rate">1 USD = 138.5802 JPY</p>*

*</div>*

*<script src="index.js"></script>*

*</body>*

*</html>*

***Style.css***

*body{*

*background-color: yellow;*

*display: flex;*

*height: 100vh;*

*justify-content: center;*

*align-items: center;*

*font-family: 'Courier New', Courier, monospace;*

*margin: 0;*

*padding: 0;*

*}*

*.container{*

*background-color: darkcyan;*

*color: aliceblue;*

*padding: 10px;*

*border-radius: 5px;*

*text-align: center;*

*}*

*.currency-container{*

*padding: 20px;*

*display: flex;*

*justify-content: space-between;*

*}*

*.currency-container select{*

*padding: 10px;*

*}*

*.currency-container input{*

*border: 0;*

*background: transparent;*

*font-size: 25px;*

*text-align: right;*

*color: aliceblue;*

*}*

*.exchange-rate{*

*font-size: 16px;*

*font-weight: 600;*

*}*

*select:focus,*

*input:focus{*

*outline: 0;*

*}*

***Index.js***

*const currencyFirstEl = document.getElementById("currency-first");*

*const worthFirstEl = document.getElementById("worth-first");*

*const currencySecondEl = document.getElementById("currency-second");*

*const worthSecondEl = document.getElementById("worth-second");*

*const exchangeRateEl = document.getElementById("exchange-rate");*

*updateRate()*

*function updateRate() {*

*fetch(*

*`https://v6.exchangerate-api.com/v6/5f9d1c87f7250159c9c9b17d/latest/${currencyFirstEl.value}`*

*)*

*.then((res) =>res.json())*

*.then((data) => {*

*const rate = data.conversion\_rates[currencySecondEl.value];*

*console.log(rate);*

*exchangeRateEl.innerText = `1 ${currencyFirstEl.value} = ${*

*rate + " " + currencySecondEl.value*

*}`;*

*worthSecondEl.value = (worthFirstEl.value \* rate).toFixed(2)*

*});*

*}*

*currencyFirstEl.addEventListener("change", updateRate);*

*currencySecondEl.addEventListener("change", updateRate);*

*worthFirstEl.addEventListener("input", updateRate);*

***Output:***

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