

index.html

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8" />
5    <title>Currency Converter</title>
6    <style>
7      body {
8        font-family: Arial, sans-serif;
9        background-color: #f0f0f0;
10       display: flex;
11       justify-content: center;
12       align-items: center;
13       height: 100vh;
14     }
15     .container {
16       background: white;
17       padding: 30px;
18       border-radius: 12px;
19       box-shadow: 0 0 15px rgba(0,0,0,0.1);
20       text-align: center;
21       width: 320px;
22     }
23     input, select, button {
24       width: 100%;
25       padding: 10px;
26       margin: 10px 0;
27       font-size: 16px;
28       border-radius: 5px;
29       border: 1px solid #ccc;
30       box-sizing: border-box;
31     }
32     button {
33       background-color: #007bff;
34       color: white;
```

```
35     border: none;
36     cursor: pointer;
37 }
38 button:hover {
39     background-color: #0056b3;
40 }
41 #result {
42     margin-top: 20px;
43     font-size: 18px;
44     font-weight: bold;
45     color: #333;
46 }
47 </style>
48 </head>
49 <body>
50
51 <div class="container">
52     <h2>Currency Converter</h2>
53     <input type="number" id="amount" placeholder="Enter amount" />
54     <select id="fromCurrency"></select>
55     <select id="toCurrency"></select>
56     <button onclick="convertCurrency()">Convert</button>
57     <div id="result"></div>
58 </div>
59
60 <script>
61     const currencyCodes = ["USD", "EUR", "INR", "GBP", "JPY", "CAD", "AUD"];
62
63     const fromCurrency = document.getElementById('fromCurrency');
64     const toCurrency = document.getElementById('toCurrency');
65     const resultDiv = document.getElementById('result');
66
67     function populateCurrencies() {
68         currencyCodes.forEach(code => {
69             let option1 = document.createElement('option');
70             option1.value = code;
71             option1.text = code;
```

```
72     fromCurrency.appendChild(option1);
73
74     let option2 = document.createElement('option');
75     option2.value = code;
76     option2.text = code;
77     toCurrency.appendChild(option2);
78 });
79
80 fromCurrency.value = "USD";
81 toCurrency.value = "INR";
82 }
83
84 async function convertCurrency() {
85     const amount = parseFloat(document.getElementById('amount').value);
86     const from = fromCurrency.value;
87     const to = toCurrency.value;
88
89     if (!amount || amount <= 0) {
90         resultDiv.innerText = "Please enter a valid amount.";
91         return;
92     }
93
94     const url = `https://open.er-api.com/v6/latest/${from}`;
95
96     try {
97         const response = await fetch(url);
98         const data = await response.json();
99
100        if (data.result !== "success") {
101            resultDiv.innerText = "Failed to get exchange rates.";
102            return;
103        }
104
105        const rate = data.rates[to];
106        if (!rate) {
107            resultDiv.innerText = "Currency not supported.";
108            return;
```

```
109     }
110
111     const convertedAmount = (amount * rate).toFixed(2);
112     resultDiv.innerHTML = `${amount} ${from} = ${convertedAmount} ${to}`;
113
114   } catch (error) {
115     resultDiv.innerHTML = "Error fetching exchange rates.";
116   }
117 }
118
119 // Initialize currency dropdowns on page load
120 window.onload = populateCurrencies;
121 </script>
122
123 </body>
124 </html>
125
```

Currency Converter



Convert

1000 INR = 11.68 USD

Currency Converter



Convert

2000 INR = 3403.75 JPY