```html
<html lang="en">
 <head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <meta http-equiv="X-UA-Compatible" content="ie=edge" />
  <title>Exchange Rate Calculator</title>
  <link rel="stylesheet" href="style.css" />
 </head>
```

```html
<div class="container">
    <div class="currency">
      <select id="currency-one">
       <option value="AED">AED</option>
       <option value="ARS">ARS</option>
       <option value="AUD">AUD</option>
       <option value="BGN">BGN</option>
       <option value="BRL">BRL</option>
       <option value="BSD">BSD</option>
       <option value="CAD">CAD</option>
       <option value="CHF">CHF</option>
       <option value="CLP">CLP</option>
       <option value="CNY">CNY</option>
       <option value="COP">COP</option>
       <option value="CZK">CZK</option>
       <option value="DKK">DKK</option>
       <option value="DOP">DOP</option>
       <option value="EGP">EGP</option>
       <option value="EUR">EUR</option>
       <option value="FJD">FJD</option>
       <option value="GBP">GBP</option>
       <option value="GTQ">GTQ</option>
       <option value="HKD">HKD</option>
       <option value="HRK">HRK</option>
       <option value="HUF">HUF</option>
       <option value="IDR">IDR</option>
       <option value="ILS">ILS</option>
       <option value="INR">INR</option>
       <option value="ISK">ISK</option>
       <option value="JPY">JPY</option>
       <option value="KRW">KRW</option>
       <option value="KZT">KZT</option>
       <option value="MXN">MXN</option>
       <option value="MYR">MYR</option>
       <option value="NOK">NOK</option>
       <option value="NZD">NZD</option>
       <option value="PAB">PAB</option>
       <option value="PEN">PEN</option>
       <option value="PHP">PHP</option>
       <option value="PKR">PKR</option>
       <option value="PLN">PLN</option>
       <option value="PYG">PYG</option>
       <option value="RON">RON</option>
       <option value="RUB">RUB</option>
       <option value="SAR">SAR</option>
       <option value="SEK">SEK</option>
       <option value="SGD">SGD</option>
       <option value="THB">THB</option>
       <option value="TRY">TRY</option>
       <option value="TWD">TWD</option>
       <option value="UAH">UAH</option>
       <option value="USD" selected>USD</option>
       <option value="UYU">UYU</option>
       <option value="VND">VND</option>
       <option value="ZAR">ZAR</option>
      </select>
```

Exchange Rate Calculator

Choose the currency and the amounts to get the exchange rate

TWD▾

Swap

1 TWD = 0.03227612800469434 EUR

EUR▾

1

0.03

```html
<body>
    <img src="../images/money.png" alt="" class="money-img" />
    <h1>Exchange Rate Calculator</h1>
    <p>Choose the currency and the amounts to get the exchange rate</p>
```

```html
<input type="number" id="amount-one" placeholder="0" value="1" />
```

```html
<div class="swap-rate-container">
    <button class="btn" id="swap">
      Swap
    </button>
    <div class="rate" id="rate"></div>
</div>
```

```html
<div class="rate" id="rate"></div>
```

```html
<input type="number" id="amount-two" placeholder="0" />
```

```html
<script src="./js/script.js"></script>
```

```javascript
const currencyEl_one = document.getElementById('currency-one');
const amountEl_one = document.getElementById('amount-one');
const currencyEl_two = document.getElementById('currency-two');
const amountEl_two = document.getElementById('amount-two');

const rateEl = document.getElementById('rate');
const swap = document.getElementById('swap');
```
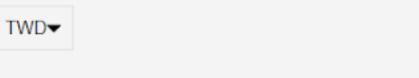
```javascript
function caclulate() {
  const currency_one = currencyEl_one.value;
  const currency_two = currencyEl_two.value;

  fetch(`https://api.exchangerate-api.com/v4/latest/${currency_one}`)
    .then(res => res.json())
    .then(data => {
      // console.log(data);
      const rate = data.rates[currency_two];

      rateEl.innerText = `1 ${currency_one} = ${rate} ${currency_two}`;

      amountEl_two.value = (amountEl_one.value * rate).toFixed(2);
    });
}
```

Exchange Rate Calculator

```javascript
currencyEl_one.addEventListener('change',
caclulate);
amountEl_one.addEventListener('input',
caclulate);
currencyEl_two.addEventListener('change',
caclulate);
amountEl_two.addEventListener('input',
caclulate);

swap.addEventListener('click', () => {
  const temp = currencyEl_one.value;
  currencyEl_one.value = currencyEl_two.value;
  currencyEl_two.value = temp;
  caclulate();
});

caclulate();
```

Choose the currency and the amounts to get the exchange rate

TWD▾   1 ——— currency_one

Swap   1 TWD = 0.03227612800469434 EUR

EUR▾   0.03 ——— currency_two

swap

```css
body {
    background-color: #f4f4f4;
    font-family: Arial, Helvetica, sans-serif;
    display: flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
    height: 100vh;
    margin: 0;
    padding: 20px;
}
```

```css
@media (max-width: 600px) {
    .currency input {
        width: 200px;
    }
}
```

Pielāgošana ekrānam

```css
.money-img
{
    width:
150px;
}
```

Exchange Rate Calculator

```css
h1 {
    color: var(--primary-color);
}
p {
    text-align: center;
}
```

```css
select:focus,
input:focus,
button:focus {
    outline: 0;
}
```

Choose the currency and the amounts to get the exchange rate

```css
:root {
    --primary-color: #5fbaa7;
}
* {
    box-sizing: border-box;
}
```

```css
.currency input {
    border: 0;
    background: transparent;
    font-size: 30px;
    text-align: right;
}
```

TWD▼

1 ▲▼

```css
.btn {
    color: #fff;
    background: var(--primary-color);
    cursor: pointer;
    border-radius: 5px;
    font-size: 12px;
    padding: 5px 12px;
}
```

Swap

1 TWD = 0.03227612800469434 EUR

0.03

```css
.swap-rate-container {
    display: flex;
    align-items: center;
    justify-content: space-between;
}
```

```css
.rate {
    color: var(--primary-color);
    font-size: 14px;
    padding: 0 10px;
}
```

EUR▼

```css
.currency {
    padding: 40px 0;
    display: flex;
    align-items: center;
    justify-content: space-between;
}
```

```css
.currency select {
    padding: 10px 20px 10px 10px;
    -moz-appearance: none;
    -webkit-appearance: none;
    appearance: none;
    border: 1px solid #dedede;
    font-size: 16px;
    /*  You may not need these following lines. The arrow did not show for me on MacOS/Chrome so I added it. Just remove it if you would like  */
    background: transparent;
    background-image: url('data:image/svg+xml;charset=US-ASCII,
%3Csvg%20xmlns%3D%22http%3A%2F%2Fwww.w3.org%2F2000%2Fsvg%22%20width%3D%22292.4%22%20height%3D%22292.4%22%3E%3Cpath%20fill%3D%22%20000002%22%20d%3D%22M287%2069.4a17.6%2017.6%200%20
00%200-13-5.4H18.4c-5%200-9.3%201.8-12.9%205.4A17.6%2017.6%200%200%200%200%2082.2c0%205%201.8%209.3%205.4%2012.9l128%20127.9c3.6%203.6%207.8%205.4%2012.8%205.4s9.2-1.8%2012.8-5.4L287%20
-3.5%205.4-7.8%205.4-12.8%200-5-1.9-9.2-5.5-12.8z%22%2F%3E%3C%2Fsvg%3E');
    background-position: right 10px top 50%, 0, 0;
    background-size: 12px auto, 100%;
    background-repeat: no-repeat;
}
```