

Task # 7:

Task: Currency Converter

Objective:

To create a currency converter application using HTML and JavaScript.

Instructions:

Overview:

Develop a currency converter application that allows users to convert an amount from one currency to another. The application should include input fields for entering the amount, dropdown menus for selecting the source currency and the target currency, a button to trigger the conversion, and a display area to show the converted amount.

Currency Conversion Rates:

Utilize the following conversion rates for the supported currencies:

- 🚩 USD to EUR: 0.85
- 🚩 USD to GBP: 0.73
- 🚩 USD to JPY: 111.20
- 🚩 USD to CAD: 1.27
- 🚩 EUR to USD: 1.18
- 🚩 EUR to GBP: 0.86
- 🚩 EUR to JPY: 130.89
- 🚩 EUR to CAD: 1.48
- 🚩 GBP to USD: 1.38
- 🚩 GBP to EUR: 1.16
- 🚩 GBP to JPY: 152.22
- 🚩 GBP to CAD: 1.73
- 🚩 JPY to USD: 0.009
- 🚩 JPY to EUR: 0.008
- 🚩 JPY to GBP: 0.007
- 🚩 JPY to CAD: 0.011
- 🚩 CAD to USD: 0.79
- 🚩 CAD to EUR: 0.68
- 🚩 CAD to GBP: 0.58
- 🚩 CAD to JPY: 88.11

Validation:

- Ensure that the user inputs a valid numeric amount.
- Provide appropriate error messages if the input is invalid.

User Interface:

- ✓ Create a simple and intuitive interface without the need for extensive CSS styling.
- ✓ Focus on functionality rather than visual appearance.

Note:

This task aims to assess your proficiency in JavaScript, particularly in handling user input, performing calculations, and presenting results dynamically. Pay attention to detail and ensure that the application provides a smooth experience for the user.

Screenshots:

Currency Converter

Amount:

From Currency:

To Currency:

Convert

Converted Amount:

Currency Converter

Amount:

From Currency:

To Currency:

Convert

Converted Amount:

170.00 EUR