

Unit converter website

How it works...

What is Unit Converter?

A unit converter is a tool or software that allows users to convert values from one unit of measurement to another. This can be helpful when working with different measurement systems or when converting between different units within the same system. For example, a unit converter might allow you to convert lengths from meters to feet, weights from kilograms to pounds, or temperatures from Celsius to Fahrenheit.

What is Currency Converter?

A currency converter is a tool or application that enables users to convert the value of one currency to another. This is useful for travelers, investors, and businesses that deal with international transactions. Currency converters typically provide up-to-date exchange rates and allow users to input the amount of money they wish to convert. The converter then calculates the equivalent value in the desired currency based on the current exchange rate.



Welcome page and home page

- ❑ In the welcome page, first I use jQuery fading effect for print the welcome page.
- ❑ The recently, setTimeout() run and reach the home page.
- ❑ In these webpage , first cover navigation bar which contain home, about, service and contact using html and css animation.
- ❑ When I click contact and about it display this.
 1. In the contact I attach my resume.
 2. In the about I attach my about page.
 - First show definition
 - Embed tag also use for show the pdf.
- ❑ After give a title, make two buttons click here and login.
 1. When I click on click here button
 2. it represent definition and how it works as same define as about page.
 3. When I click go to home it went return home page.



Welcome in our website!

UNIT CONVERTER WEBSITE

Engineering units & Currency

[CLICK HERE](#)[Log In](#)

About Us

We are committed to providing easy-to-use unit conversion tools for everyone. It is my introduction to Web Programming project.

Contact Us

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[FACEBOOK](#)[TWITTER](#)[INSTAGRAM](#)

h o m e p a g e

- ❑ *When I click the login button*
 1. sliding effect of jquery sliding effect occur.
 2. it display a registration form which content email , password and phone no. using
 3. When I click submit button it go on the next main page.
- ❑ Footer part
 1. Some definition.
 2. Show email and other social media contact references.

UNIT CONVERTER WEBSITE

Engineering units & Currency

Email:

Phone no.:

Password:

CONVERTER HOME

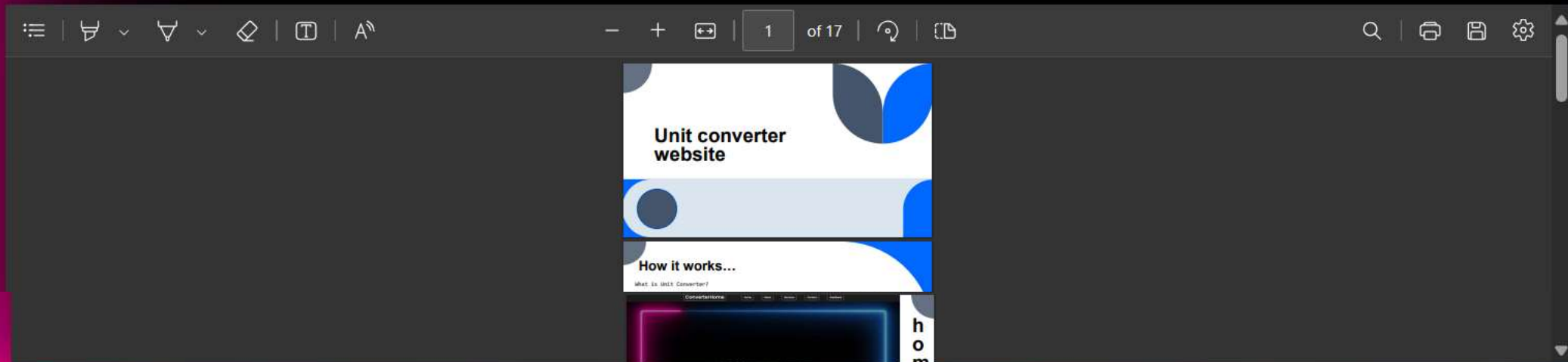
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How It Works...



[Go to Home](#)

mainpage

CONVERTER HOME

WELCOME TO MY ENGINEERING



Engineering Unit Converter

Explore my unit conversion tool. Click below to get started:

[Go to Unit Converter](#)



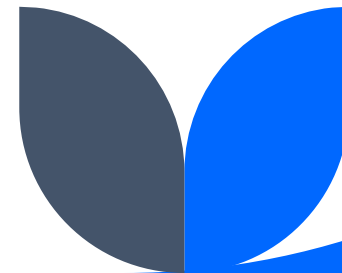
Currency Converter

Explore my currency conversion tool. Click below to begin:

[Go to Currency Converter](#)

Main Page...

- ❑ In these page first I give a title then I use marquee tag for welcome message direction left.
- ❑ In the main page I use jQuery animation for the container and also do css border animation.
- ❑ In the main page , when I click the unit converter it visit the unit converter webpage
 - When I click first show alert box then for open unit converter using the jQuery sliding effect occur .
 - The converter box contain input, inputtype, result and resulttype , the boder given by css animation.
 - These page contain box which convert value by using different buttons
 1. It shows the length converter default, it shows the different units of the length and its values using html css and Javascript logic.
 2. These same thing apply on area, time, temp, weight, height buttons work on that different html pages.
 - Then I click the go to home button it return the main page.



Length Converter

Meter

1

Centimeter

100.000000

- Meter
- Kilometer
- Centimeter
- Milimeter
- Micrometer
- Nanometer
- Mile
- Yard
- Foot
- Inch

Length-Converter

Temp-converter

Area-Converter

Volume-Converter

Weight-Converter

Time-Converter

Go to Home

Area Converter

Sqaure Meter ▾

1

Sqaure Kilometer ▾

0.000001

Sqaure Meter
Sqaure Kilometer
Sqaure Centimeter
Sqaure Milimeter
Sqaure Micrometer
Hectare
Sqaure Mile
Sqaure Yard
Sqaure Foot
Sqaure Inch
Acre

Length-Converter

Temp-converter

Area-Converter

Volume-Converter

Weight-Converter

Time-Converter

Go to Home

Weight Converter

Gram



1



Kilogram



0.001000

Length-Converter

Temp-converter

Area-Converter

Volume-Converter

Weight-Converter

Time-Converter

Go to Home

Temperature Converter

Celsius

1

Kelvin

274.15

Celsius

Kelvin

Fahrenheit

Infrared thermometer

Length-Converter

Temp-converter

Area-Converter

Volume-Converter

Weight-Converter

Time-Converter

Go to Home

Volume Converter

Milliliter

1

Cubic Milimeter

1000.000000

Cubic Meter

Cubic Kilometer

Cubic Centimeter

Cubic Milimeter

Liter

Milliliter

US Gallon

US Quart

US Pint

US Cup

US Fluid Ounce

US Table Spoon

US Tea Spoon

Imperial Gallon

Imperial Quart

Imperial Pint

Imperial Fluid Ounce

Imperial Table Spoon

Imperial Tea Spoon

Cubic Mile

Length-Converter

Area-Converter

Weight-Converter

Temp-converter

Volume-Converter

Time-Converter

Go to Home

Time Converter

Second ▾

60

Minute ▾

1.000000

Second
Milisecond
Microsecond
Nanosecond
Picosecond
Minute
Hour
Day
Week
Month
Year

Length-Converter

Temp-converter

Area-Converter

Volume-Converter

Weight-Converter

Time-Converter

Go to Home

- ❑ In the main page , when I click the currency converter it visit the currency converter webpage
- When I click first show alert box then for open currency converter using the jQuery sliding effect occur .
- These page contain box which convert currency values , container border given by css animation.
- 1. Take different country currency dropdown list
- 2. In these case, use Javascript fetch method for get currency value from API link because convert currency between two countries is difficult task,

Ex.

This code sends a GET request to 'https://api.example.com/data'. When the response is received, it checks if the response was successful (status code 200-299). If it was, it parses the response body as JSON. Finally, it logs the parsed data to the console. If there's an error at any point in the process, it catches the error and logs it to the console.

3. At last click on click here button it shows thank you message by jQuery fading effect.

```
const input = document.getElementById("input");
const inputType = document.getElementById("inputType");
const result = document.getElementById("result");
const resultType = document.getElementById("resultType");
const api = "https://api.exchangerate-api.com/v4/latest/USD";

// to store selected currencies
let fromCurrency;
let toCurrency;

// Event listener for input type change
inputType.addEventListener('change', (event) => {
  fromCurrency = event.target.value;
  convertCurrency();
});

// Event listener for result type change
resultType.addEventListener('change', (event) => {
  toCurrency = event.target.value;
  convertCurrency();
});

// Event listener for input value change
input.addEventListener('input', (event) => {
  convertCurrency();
});

// Function to convert currency
function convertCurrency() {
  const inputValue = input.value;
  if (fromCurrency && toCurrency && inputValue) {
    fetch(api)
      .then(response => response.json())
      .then(data => {
        const fromRate = data.rates[fromCurrency];
        const toRate = data.rates[toCurrency];
        result.value = ((inputValue / fromRate) * toRate).toFixed(6);
      })
      .catch(error => {
        console.error('Error fetching exchange rates:', error);
      });
  }
};
```



Currency Converter

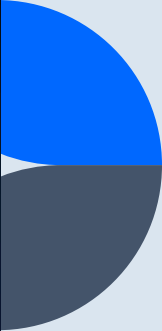
United States Dollar (USD) ▾

1

Indian Rupee (INR) ▾

83.450000

[click Here](#)



Thank you for visiting!

Last page



Thank you

Sarth Narola

IWP Innovative Assignment

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