



# Currency Converter

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# 01



## Problem

Converting to different currencies  
requires searching tons of times



## Solution

Check INR to 10 different currency  
conversion with my program



# INTRODUCTION

# 02

It's basically a currency converter software that converts INR to USD, EUR, GBP, JPY, AUD, CAD, NZD, CHF, HKD or SGD respectively.

You need to enter the amount and currency it is needed to be converted in.





# Concepts Used

# 03

PYTHON

## Dictionary

For storing conversion rates

## Function

To implement currency conversion

# Source Code



04

```
# Dictionary containing exchange rates for different currencies
exchange_rates = {
    'USD': 0.012, #US dollar
    'EUR': 0.011, #euro
    'GBP': 0.0099, #sterling pound
    'JPY': 1.60, #japanese yen
    'AUD': 0.018, #australian dollar
    'CAD': 0.017, #canadian dollar
    'NZD': 0.019, #newzealand dollar
    'CHF': 0.011, #swiss franc
    'HKD': 0.095, #hong kong dollar
    'SGD': 0.016 #singapore dollar
}

def convert_currency(amount, from_currency, to_currency):
    if from_currency != 'INR':
        amount = amount / exchange_rates[from_currency]
    converted_amount = amount * exchange_rates[to_currency]
    return converted_amount

# Taking input from user
amount = float(input("Enter amount to convert: "))
from_currency = 'INR'
to_currency = input("Enter to currency (e.g. USD): ").upper()

# converting the currency and displaying the result
result = convert_currency(amount, from_currency, to_currency)
print(f"{amount} INR is equal to {result} {to_currency}")
```

# THANKS !

Do you have any questions?  
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