

Project: Currency Converter

A currency converter is an application that allows users to convert amounts between different currencies using real-time exchange rates. It typically features a user-friendly interface where users can select currencies and input amounts for conversion.

Python Code:

```
def currency_converter():
    exchange_rates = {
        'USD': {'INR': 83.20, 'EUR': 0.93},
        'INR': {'USD': 0.012, 'EUR': 0.011},
        'EUR': {'USD': 1.07, 'INR': 89.32}
    }

    print("Welcome to the Currency Converter!")
    print("Available currencies: USD, INR, EUR")
    from_currency = input("Enter the currency you have: ").upper()
    to_currency = input("Enter the currency to convert to: ").upper()
    amount = float(input(f"Enter amount in {from_currency}: "))

    if from_currency in exchange_rates and to_currency in exchange_rates[from_currency]:
        converted_amount = amount * exchange_rates[from_currency][to_currency]
        print(f"{amount} {from_currency} = {converted_amount:.2f} {to_currency}")
    else:
        print("Currency conversion not available for the selected pair.")

currency_converter()
```

Sample Output:

```
Welcome to the Currency Converter!
Available currencies: USD, INR, EUR
Enter the currency you have: USD
Enter the currency to convert to: INR
Enter amount in USD: 10
10 USD = 832.00 INR
```