

Task 2: Currency Converter

- Build a currency conversion tool that allows users to convert between different currencies based on real-time exchange rates.

```
def currency_converter(amount, from_currency, to_currency, exchange_rates):  
    if from_currency in exchange_rates and to_currency in exchange_rates:  
        conversion_rate = exchange_rates[to_currency] / exchange_rates[from_currency]  
        converted_amount = amount * conversion_rate  
        return converted_amount  
    else:  
        return "Currency not found in exchange rates."
```

Exchange rates = {

```
"USD": 1.0,  
"EUR": 0.85,  
"GBP": 0.75,  
"JPY": 110.0,  
"KWD": 0.83,  
"PKR": 279.5,  
"INR": 83.23,  
"BEF": 0.95,  
"ZAR": 18.89,  
"AFN": 74.02,
```

}

```
amount = int(input("Enter the amount"))
```

```
from_currency = str(input("Enter the currency"))
```

```
to_currency = str(input("Enter the currency"))
```

```
result = currency_converter(amount, from_currency, to_currency, exchange_rates)
```

```
print(f"{amount} {from currency} is equal to {result} {to currency}")
```

OUTPUT:

Enter the amount 100000

100000

Enter the currency USD

USD

Enter the currency INR

INR

100000 USD is equal to 8323000.0 INR

>