MOTION CUT

TASK-2

Build a currency convertion tool that allows user to convert between different currencies based on real-time exchange rates

```
urrency_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."

# Define your exchange rates
exchange_rates = {
    "USD": 1.0,
    "EUR": 0.85,
    "GBP": 0.75,
    "JPY": 110.0,
    "IND":83.24,
    "MXN":18.10,
    "QAR":3.64,
    "PHP":56.94,
    "ZAR":18.93,
    "EGP":30.90,
    "MYR":4.78,
    "BRL":4.99,
    "CAN":1.38,
    "CHF":0.90,
    "KWD":0.31,
    "AUD":1.58,
    "BDT":110.35,
    "KRW":1356.16,
    "SAR":3.75,
    "LKR":327.56,
}
```

```
amount = float(input("enter the currency to be converted from source currency
to target currency:")) # Change this to the amount you want to convert.
from_currency = str(input("enter the source currency:"))  # Change this to
your source currency.
to_currency = str(input("enter the target currency:"))   # Change this to your
target 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 currency to be converted from source currency to target currency:1000000

enter the source currency:USD

enter the target currency:IND

1000000.0 USD is equal to 83240000.0 IND