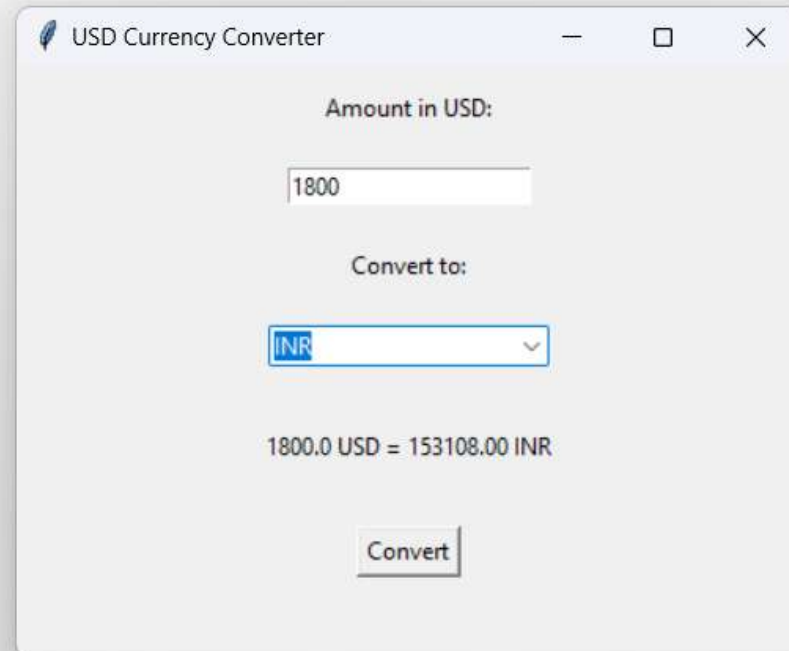


```
[*]: import tkinter as tk
from tkinter import ttk
import requests

# Function to fetch exchange rates
def get_exchange_rates():
    try:
        url = 'https://api.exchangerate-api.com/v4/latest/USD'
        response = requests.get(url)
        rates = response.json()['rates']
        return rates
    except Exception as e:
        print("Error fetching exchange rates:", e)
        return None

# Function to convert USD to the selected currency
def convert_usd_to_currency(amount, target_currency, rates):
    if target_currency in rates:
        return amount * rates[target_currency]
    else:
        return None

# Function to perform the conversion when button is clicked
def perform_conversion():
    try:
        amount = float(amount_entry.get())
        target_currency = currency_var.get()
        result = convert_usd_to_currency(amount, target_currency, rates)
        if result is not None:
            result_label.config(text=f"{amount} USD = {result:.2f} {target_currency}")
        else:
            result_label.config(text="Currency not available")
    except ValueError:
        result_label.config(text="Please enter a valid amount")
```



The screenshot shows a window titled "USD Currency Converter" with standard window controls (minimize, maximize, close). The interface is as follows:

- Amount in USD:** A text input field containing the value "1800".
- Convert to:** A dropdown menu with "INR" selected and a downward arrow on the right.
- Result:** A label displaying "1800.0 USD = 153108.00 INR".
- Convert:** A button with the text "Convert".

```

# Fetch the latest exchange rates
rates = get_exchange_rates()

# Create the main application window
root = tk.Tk()
root.title("USD Currency Converter")
root.geometry("400x300")

# USD Amount Entry
amount_label = tk.Label(root, text="Amount in USD:")
amount_label.pack(pady=10)

amount_entry = tk.Entry(root)
amount_entry.pack(pady=10)

# Currency Selection Dropdown
currency_label = tk.Label(root, text="Convert to:")
currency_label.pack(pady=10)

currency_var = tk.StringVar(root)
currency_var.set("INR") # Default value

if rates:
    currency_dropdown = ttk.Combobox(root, textvariable=currency_var, values=
    currency_dropdown.pack(pady=10)
else:
    currency_dropdown = ttk.Combobox(root, textvariable=currency_var, values=["Error loading rates"])
    currency_dropdown.pack(pady=10)

# Result Display Label
result_label = tk.Label(root, text="")
result_label.pack(pady=20)

```

USD Currency Converter

Amount in USD:

1800

Convert to:

INR

1800.0 USD = 153108.00 INR

Convert

```

# USD Amount Entry
amount_label = tk.Label(root, text="Amount in USD:")
amount_label.pack(pady=10)

amount_entry = tk.Entry(root)
amount_entry.pack(pady=10)

# Currency Selection Dropdown
currency_label = tk.Label(root, text="Convert to:")
currency_label.pack(pady=10)

currency_var = tk.StringVar(root)
currency_var.set("INR") # Default value

if rates:
    currency_dropdown = ttk.Combobox(root, textvariable=currency_var, values=list(rates.keys()))
    currency_dropdown.pack(pady=10)
else:
    currency_dropdown = ttk.Combobox(root, textvariable=currency_var, values=["Error loading rates"])
    currency_dropdown.pack(pady=10)

# Result Display Label
result_label = tk.Label(root, text="")
result_label.pack(pady=20)

# Convert Button
convert_button = tk.Button(root, text="Convert", command=perform_conversion)
convert_button.pack(pady=10)

# Run the main loop
root.mainloop()

```

USD Currency Converter

Amount in USD:

1800

Convert to:

INR

1800.0 USD = 153108.00 INR

Convert