TECHNOHACKS TASK 2

[3:50 PM, 8/5/2024] Mahitha Reddy: pip install requests

[3:51 PM, 8/5/2024] Mahitha Reddy: import requests

def get\_exchange\_rate(api\_key, base\_currency, target\_currency):

url = f"https://api.exchangerate-api.com/v4/latest/{base\_currency}"

response = requests.get(url)

data = response.json()

if target\_currency in data['rates']:

return data['rates'][target\_currency]

else:

raise ValueError(f"Currency {target\_currency} not found.")

def convert\_currency(api\_key, amount, base\_currency, target\_currency):

rate = get\_exchange\_rate(api\_key, base\_currency, target\_currency)

return amount \* rate

# Replace 'YOUR\_API\_KEY' with your actual API key

api\_key = 'YOUR\_API\_KEY'

# Example usage

amount = 100 # amount to convert

base\_currency = 'USD'

target\_currency = 'EUR'

converted\_amount = convert\_currency(api\_key, amount, base\_currency, target\_currency)

print(f"{amount} {base\_currency} is equal to {converted\_amount:.2f} {target\_currency}"