import requests

API\_KEY = "your\_api\_key"

def get\_weather\_forecast(city):

url = f"http://api.openweathermap.org/data/2.5/weather?q={city}&appid={API\_KEY}&units=metric"

response = requests.get(url)

data = response.json()

return data

def display\_weather\_forecast(weather\_data):

# Extract required information from the API response

city\_name = weather\_data["name"]

current\_temp = weather\_data["main"]["temp"]

description = weather\_data["weather"][0]["description"]

# Display the weather forecast

print(f"Weather forecast for {city\_name}:")

print(f"Temperature: {current\_temp}°C")

print(f"Description: {description}")

# Enter the city for which you want to retrieve the weather forecast

city = input("Ahmedabad: ")

forecast\_data = get\_weather\_forecast(city)

if forecast\_data["cod"] == 200:

display\_weather\_forecast(forecast\_data)

else:

print("Weather forecast not available for the entered city.")

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