# Chatbot

```python
import json
import requests
```

```python
def chatbot():
    print("Hi! I'm a weather prediction chatbot")
    api_key = "f37d0c3cb6c045218e1152633232504"
    while(1):
        print("Which city would you like the weather forcast for? Type 'exit' to qu
        city = input().lower()
        if(city=="exit"):
            break
        url = f"https://api.weatherapi.com/v1/forecast.json?key={api_key}&q={city}
        response = requests.get(url)
        data = json.loads(response.text)
        if len(data)>1:
            temp = data["current"]["temp_c"]
            description = data["current"]["condition"]["text"]
            humidity = data["current"]["humidity"]
            wind_speed = data["current"]["wind_kph"]
            print(f"The weather in {city.title()} is {description}, with a tempera
            print()
        else:
            print("City not found. Please try again.")
            print()
    print("Thank you for using the chatbot.")
```

```python
chatbot()
```

```
Hi! I'm a weather prediction chatbot
Which city would you like the weather forcast for? Type 'exit' to quit
The weather in New Delhi is Mist, with a temperature of 32.0°C , humidity of 26%,
and wind speed of 9.0 km/h.

Which city would you like the weather forcast for? Type 'exit' to quit
The weather in Mumbai is Overcast, with a temperature of 31.0°C , humidity of 59%,
and wind speed of 13.0 km/h.

Which city would you like the weather forcast for? Type 'exit' to quit
The weather in Landon is Partly cloudy, with a temperature of 5.0°C , humidity of
81%, and wind speed of 19.1 km/h.

Which city would you like the weather forcast for? Type 'exit' to quit
The weather in Dwarka is Sunny, with a temperature of 31.9°C , humidity of 59%, an
d wind speed of 16.9 km/h.

Which city would you like the weather forcast for? Type 'exit' to quit
City not found. Please try again.

Which city would you like the weather forcast for? Type 'exit' to quit
The weather in Mexico is Partly cloudy, with a temperature of 21.0°C , humidity of
23%, and wind speed of 13.0 km/h.

Which city would you like the weather forcast for? Type 'exit' to quit
Thank you for using the chatbot.
```

```python

```