```
# import required modules

import requests, json

# Enter your API key here

api_key = "Your_API_Key"

# base_url variable to store url

base_url = "http://api.openweathermap.org/data/2.5/weather?"

# Give city name

city_name = input("Enter city name : ")

# complete_url variable to store
# complete url address

complete_url = base_url + "appid=" + api_key + "&q=" + city_name

# get method of requests module
# return response object

response = requests.get(complete_url)

# json method of response object
# convert json format data into
# python format data

x = response.json()

# Now x contains list of nested dictionaries
```

```
# Check the value of "cod" key is equal to
# "404", means city is found otherwise,
# city is not found

if x["cod"] != "404":



# store the value of "main"

# key in variable y

y = x["main"]



# store the value corresponding

# to the "temp" key of y

current_temperature = y["temp"]



# store the value corresponding

# to the "pressure" key of y

current_pressure = y["pressure"]



# store the value corresponding

# to the "humidity" key of y
```

```
current_humidity = y["humidity"]



# store the value of "weather"

# key in variable z

z = x["weather"]



# store the value corresponding

# to the "description" key at

# the 0th index of z

weather_description = z[0]["description"]



# print following values

print(" Temperature (in kelvin unit) = " +

str(current_temperature) +

"\n atmospheric pressure (in hPa unit) = " +

str(current_pressure) +

"\n humidity (in percentage) = " +
```

```
str(current_humidity) +

"\n description = " +

str(weather_description))



else:

print(" City Not Found ")
```