# Python program to find current

# weather details of any city

# using openweathermap api

# 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 ")