**weatherMap.py:**

**import requests**

**import json**

**import datetime**

**user\_id = 'sthom317'**

**user\_apiid = 'b9ed65aa5dc84906c55ad92dc85670a2'**

**zipcode = '30025'**

**country\_code = 'us'**

**# api call**

**url = "http://api.openweathermap.org/data/2.5/weather?zip=" + zipcode + "," + country\_code + "&appid=" + user\_apiid + "&units=imperial"**

**# get method of requests, returns response obj**

**response = requests.get(url)**

**j = response.json()**

**if j['cod'] != "404":**

**i = j['main']**

**temp = i["temp"]**

**pressure = i["pressure"]**

**k = j["wind"]**

**wind\_speed = k["speed"]**

**wind\_direct = k["deg"]**

**print("Name: KSU")**

**print("\nCurrent Temperature: "+str(temp)+" degrees Fahrenheit ")**

**print("\nAtmospheric Pressure: "+str(pressure)+" hPa")**

**print("\nWind Speed: "+str(wind\_speed)+" mph")**

**print("\nWind Direction: "+str(wind\_direct))**

**print("\nTime of Report: "+str(datetime.datetime.now()))**