# Python code

import requests as reqs

def get(myLocation,APIKEY):

apiURL = f"https://api.openweathermap.org/data/2.5/weather?q={myLocation}&appid={APIKEY}"

responseJSON = (reqs.get(apiURL)).json()

returnObject = {

"temperature" : responseJSON['main']['temp'] - 273.15,

"weather" : [responseJSON['weather'][\_]['main'].lower() for \_ in range(len(responseJSON['weather']))],

"visibility" : responseJSON['visibility']/100, # visibility in percentage where 10km is 100% and 0km is 0%

}

if("rain" in responseJSON):

returnObject["rain"] = [responseJSON["rain"][key] for key in responseJSON["rain"]]

return(returnObject)