*"""Query interface of weather data  
 from web : http://www.avatardata.cn/  
 finish\_time : 2017/9/30  
"""***import** requests  
  
\_\_version\_\_ = '0.1'  
\_\_author\_\_ = 'Lei Chang'  
\_\_key\_\_ = '34d7148c58284e9e8940a56488d5a769'  
  
  
**def show\_msg**(json):  
 # Parse the returned jason object and output the parsing results  
  
 # Show the time now  
 date = json['result']['realtime']  
 print('Place : {0} Now Time ： {1} Lunar calendar ： {2} {3}'.  
 format(date['city\_name'], date['date'], date['moon'], date['time']))  
  
 # Forecast weather conditions  
 weather = json['result']['weather']  
 we\_info = weather[0]['info']  
 **for** k, v **in** we\_info.items():  
 print(k, ':', v)  
 print()  
  
 # Show life advice  
 info = json['result']['life']['info']  
 f = {'ziwaixian': 'ultraviolet', 'kongtiao': 'conditioning', 'wuran': 'pollution',  
 'ganmao': 'cold', 'xiche': 'car\_wash', 'yundong': 'movement',  
 'chuanyi': 'dressing'}  
 **for** k, v **in** info.items():  
 print(f[k], ':', v)  
  
  
url = 'http://api.avatardata.cn/Weather/Query'  
city = input('please input the space name you want to ask for：')  
value = {  
 'key': \_\_key\_\_,  
 'cityName': city,  
}  
  
"""Use url and value to set the parameter of the request  
 And then sent it to get the reply  
 Use json() function to translate the result into json form  
 Use show\_msg　function to output the reply  
"""  
s = requests.get(url, params=value)  
js = s.json()  
show\_msg(js)