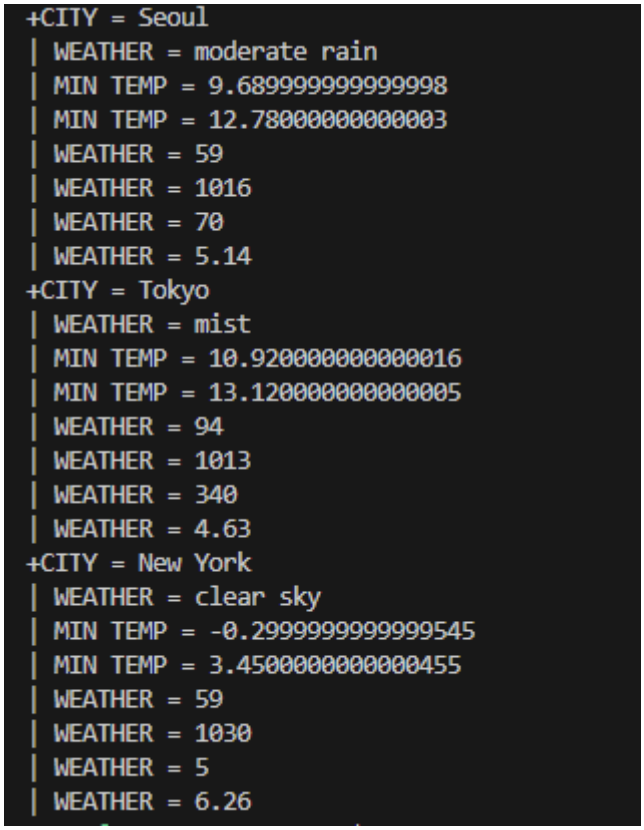
Practice3 _ 2021105662 _ 홍예림

```python
import requests
import json

apikey = "aee1f189c593195ee505a4e3d7f5ade3"
cities = ["Seoul,KR", "Tokyo,JP","New York,US"]

api = "https://api.openweathermap.org/data/2.5/weather?q={city}&appid={apikey}"
k2c = lambda k: k -273.15

for city in cities:
    url = api.format(city=city, apikey=apikey)
    response = requests.get(url)
    data = json.loads(response.text)
    city_name = city.split(",")
    print("+CITY = " + city_name[0])
    weather = data['weather'][0]['description']
    min_temp = k2c(data['main']['temp_min'])
    max_temp = k2c(data['main']['temp_max'])
    humidity = data['main']['humidity']
    pressure = data['main']['pressure']
    deg = data['wind']['deg']
    speed = data['wind']['speed']
    print("| WEATHER = " + weather)
    print("| MIN TEMP = "+str(min_temp))
    print("| MIN TEMP = "+str(max_temp))
    print("| WEATHER = " + str(humidity))
    print("| WEATHER = " + str(pressure))
    print("| WEATHER = " + str(deg))
    print("| WEATHER = " + str(speed))
```

실행 코드

for문을 통해 cities에 있는 city에 대한 날씨 정보를 받아온다. Response를 json 파일로 읽어온다. Cities에 있는 city 이름 뒤에는 나라도 적혀 있으니, 이를 생략하고 print 하기 위해, split을 한다. Data를 확인해 원하는 내용이 있는 부분을 추출해 print 한다.


+CITY = Seoul
| WEATHER = moderate rain
| MIN TEMP = 9.689999999999998
| MIN TEMP = 12.78000000000003
| WEATHER = 59
| WEATHER = 1016
| WEATHER = 70
| WEATHER = 5.14
+CITY = Tokyo
| WEATHER = mist
| MIN TEMP = 10.920000000000016
| MIN TEMP = 13.120000000000005
| WEATHER = 94
| WEATHER = 1013
| WEATHER = 340
| WEATHER = 4.63
+CITY = New York
| WEATHER = clear sky
| MIN TEMP = -0.2999999999999545
| MIN TEMP = 3.4500000000000455
| WEATHER = 59
| WEATHER = 1030
| WEATHER = 5
| WEATHER = 6.26

실행 결과