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Prog 2 Description

In my version of Prog 2, I decided to make an application that would take a city name in and give the user activities to do depending on the location, temperature, and pollen content of the city. To accomplish this, I used a handful of RESTful services including the Open Weather API, the BreezoMeter API, and the Google Maps API. I was able to access these APIs by using HTTP calls that would return JSON. I then was able to use the GSON library to easily parse through the JSON and get the data I needed from the APIs. After I got all of the proper data, I was able to print out user friendly responses that clearly stated the information that was being received.

The main usage of this program would be used to get basic information on the city, but also give the user some ideas for places they can visit depending on the basic information. My thought process was to basically give the user parks to go to if the temperature was 70F or above and if the pollen severity was low. Otherwise, I would direct them to pharmacies in the area so that they can get allergy medication or cold medicine. This was my take on making a useful application based on the weather and other factors.