Joyce Woznica  
IST 652, Week 9

Activity 10.3: Geolocation

Code

﻿# 10.3

import geopy

from geopy.geocoders import Nominatim

geolocator = Nominatim()

location = geolocator.geocode("Hinds Hall, Syracuse, NY")

print(location.address)

location = geolocator.reverse("43.0382155,-76.1333455471294")

print(location.address)

# Find the following addresses

#1. lat = 42.773760, long = -78.786973

location = geolocator.reverse("42.773760,-78.786973")

print(location.address)

#2. lat = 44.854865, long = -93.242215

location = geolocator.reverse("44.854865,-93.242215")

print(location.address)

#3. lat = 42.999775, long = -78.787046

location = geolocator.reverse("42.999775,-78.787046")

print(location.address)

#4. lat = 43.183994, long = -76.236695

location = geolocator.reverse("43.183994,-76.236695")

print(location.address)

#5. lat = 40.689249, long = -74.044500

location = geolocator.reverse("40.689249,-74.044500")

print(location.address)

Results

﻿# Find the following addresses

#1. lat = 42.773760, long = -78.786973

location = geolocator.reverse("42.773760,-78.786973")

print(location.address)

New Era Field, Bills Drive, Windom, Orchard Park Town, Erie County, New York, 14127, United States of America

location = geolocator.reverse("44.854865,-93.242215")

print(location.address)

Nickelodeon Universe, 5000, Lindau Lane, Bloomington, Hennepin County, Minnesota, 55425, United States of America

#3. lat = 42.999775, long = -78.787046

location = geolocator.reverse("42.999775,-78.787046")

#4. lat = 43.183994, long = -76.236695

location = geolocator.reverse("43.183994,-76.236695")

print(location.address)

Outback Steakhouse, 3946, State Route 31, Euclid, Town of Clay, Onondaga County, New York, 13090, United States of America

#5. lat = 40.689249, long = -74.044500

location = geolocator.reverse("40.689249,-74.044500")

print(location.address)

Statue of Liberty, Flagpole Plaza, Manhattan, Manhattan Community Board 1, New York County, New York, 10004, United States of America