Verloop FDE Assignment.

Problem statement: You have to create an API endpoint, which returns data related to geolocation.

Use case: When an address is passed in the body, the corresponding latitude and longitude are returned in the response. The format in which the response is returned is dictated by the `output_format` flag, the options for this flag are "json" or "xml".

If the output flag is set to json the response from the API should be in json format and if the flag is set to xml the response should be in xml format.

Endpoint: POST `/getAddressDetails`

Request data:

```
{
    "address": "# 3582,13 G Main Road, 4th Cross Rd, Indiranagar,
Bengaluru, Karnataka 560008",
    "output_format": "json"
}
```

Response(json):

```
{
    "coordinates": {
        "lat": 7.888888,
        "lng": 56.23423
    },
    "address": "# 3582,13 G Main Road, 4th Cross Rd, Indiranagar,
Bengaluru, Karnataka 560008"
}
```

Response (xml):

```xml
<?xml version="1.0" encoding="UTF-8"?>
<root>
    <address># 3582,13 G Main Road, 4th Cross Rd, Indiranagar, Bengaluru,
Karnataka 560008</address>
    <coordinates>
        <lat>7.888888</lat>
        <lng>56.23423</lng>
    </coordinates>
</root>
```

The code should be in python, should follow PEP 8 standards. You can be as crafty as possible with code.

You can use this API key to access the API `AIzaSyCOD3KvY2DDzEfel-NZ_LKlWXr86EF_EUw` . Please don't push this key to Github or any other source control system.

Some useful links:

Google Reverse Geocode API:
https://developers.google.com/maps/documentation/geocoding/start