Tech Stack:

* Spring Boot
* Java 17+
* Google Maps API
* Maven
* Git + GitHub
* IDE: VSCode

Modules:

* Bank Service
  + REST Controller: /api/banks?zipcode=XXXXX
  + Service Layer: Calls Google Maps Service
* Google Maps Service
  + Handles geocoding and distance matrix logic

Data Flow:

1. Client sends ZIP code to /api/banks
2. Controller calls Google Maps Service
3. Google Maps Service uses:
   * Geocoding API: To convert ZIP to lat/long
   * Places API: To find nearby banks
   * Distance Matrix API (optional): To calculate radius

APIs Used:

* https://maps.googleapis.com/maps/api/geocode/json
* https://maps.googleapis.com/maps/api/place/nearbysearch/json