Instructions for running ReverseGeoDecoder demo application

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1. Pre-Reqs
   1. Deployment platform must support JRE 1.8 or higher
2. Build app <requires Maven util, Java JDK 1.8 or higher>
   1. Deploy contents of attached zip artifact to desired parent folder
   2. Windows
      1. build.cmd
   3. Linux kernel
      1. chmod 777 build.sh
      2. ./build.sh
3. Configure run-time <optional>
   1. Edit run command file
      1. Ensure JAVA\_HOME is defined for platform
   2. If desired change Spring Boot (Tomcat) listening port – currently set to 8080
4. Run demo app
   1. Windows
      1. Run.cmd
   2. Linux kernel
      1. ./run.sh
   3. Observe Spring Boot startup in terminal session
5. Test demo using a browser or REST tool
   1. Get address for NCR info given lat/lon
      1. <http://localhost:8080/reversegeocoder/getAddress/lat/33.969601/lon/-84.100033/>
      2. Repeat the previous step for any number of lat/lon values
   2. Get list of most recent lat/lon address queries [starting with oldest]
      1. <http://localhost:8080/reversegeocoder/getLatestQueries>
   3. To change Reverse Geocoder providers
      1. Edit application jar file using winzip, 7zip, or similar archive tool
      2. Navigate to folder BOOT-INF\classes\
      3. Edit file application.properties
         1. 3 providers are available [MapQuest, Google, TexasA&M]
         2. Uncomment the desired provider and its app key
         3. Save file and update archive
      4. Re-run app