This is a Java based application and makes use of Maven for build and package.

As a pre-requisite, **Oracle JDK 1.7** and **Apache Maven** are needed to be installed.

To view the code and run the unit test case, a Java based IDE (preferably **Eclipse IDE**) should be available in the system.

To run this application, please perform the following steps

1. Download and Import as a Maven project.
2. Open ‘***config.properties***’ file inside ‘***conf***’ folder. Provide value for ‘***outputFilePath***’ param. This is the place where weather data output is written.
3. For logging debug and error message, log4j is being used. Update ‘***log4j.properties***’ file inside ‘***conf***’ folder and provide the path to this file as -Dlog4j.configuration=file:///{file\_path} as part of VM arguments.
4. Do Maven **Clean and Package**
5. There is a Junit class ‘***TestWeatherDataService***’ for testing the code. It can be directly run from Eclipse IDE itself.