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**Project 3- A Weather Client Using XML**

**Running the program**

1.I have used Eclipse Neon and JAVA for my application, after unzipping the folder, there will be ‘Project 3’ folder and this write up.

2. From Eclipse Neon, select go to File, select import project from drop down, select ‘general’ option, and ‘projects from folder or archive’ and select root folder of Project 3 from your device’s directory, of where the contents are unzipped. The project name is Project3.

3. Three packages -one for client and two for NDFDGen wsdl auto generated files.

4. Gui for client. Enter latitude and longitude.

**Assumptions/Limitations**

-Eclipse Neon is platform on which the project runs.

-Session closes by itself

-socket from server side resets connection

**References**

http://tutorials.jenkov.com/java-xml/dom.html

https://www.tutorialspoint.com/java/xml/javax\_xml\_parsers\_documentbuilder\_parse\_string.htm

https://loopback.io/doc/en/lb3/Strong-soap.html#example

https://www.youtube.com/watch?v=EuLEki6c1A8

https://graphical.weather.gov/xml/SOAP\_server/ndfdXMLserver.php?wsdl

https://www.youtube.com/watch?v=mKjvKPlb1rA

https://www.youtube.com/watch?v=11iGyrvBhzc&t=685s

http://spring.io/guides/gs/consuming-web-service/