

CS5551-ADVANCED SOFTWARE ENGINEERING

Dr. YUGYUNG LEE

ASSIGNMENT #6

SUBMITTED BY: SWETHA CHANDRA KARROTI | STUDENT ID: 16208563 | CLASS ID: 21

TASK: Create a proxy to consume atleast two REST Services.

STEPS INVOLVED:

1. Create a Dynamic Web Application in Eclipse.
2. Convert the project into Maven project and Using Java EE Tools option and generate Deployment Descriptor.
3. Add Jersey dependencies to the Maven project in pom.xml file.
4. Create Java Class files for Two services: Pounds to Kilogram conversion and another for Calculating Area of Square or Rectangle depending on parameters supplied by the user in the URL.
5. Create JUnit test cases for the two services and run them.
6. Run the project by right clicking on the Project name -> Run as -> Run on Server.

SCREENSHOTS:

Conversion of Pounds to Kilograms:



TEST CASE:





Calculating Area of Rectangle:



Calculating Area of Square:



TEST CASE:

