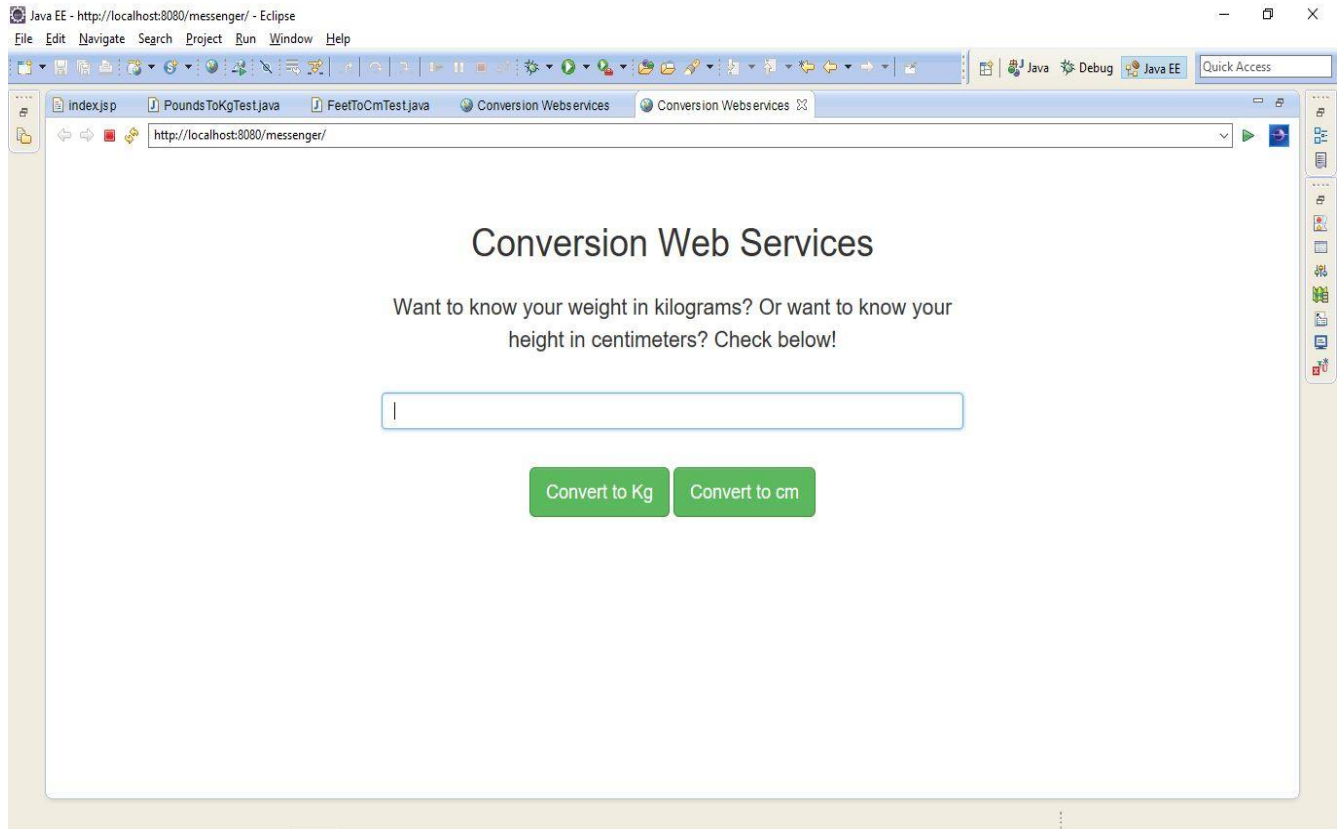
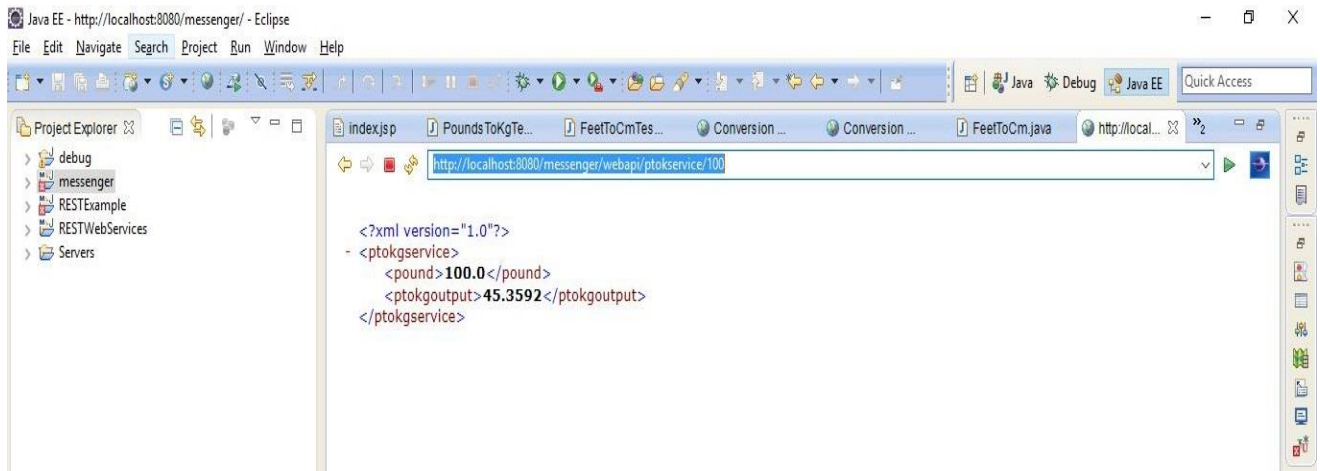


LAB-6

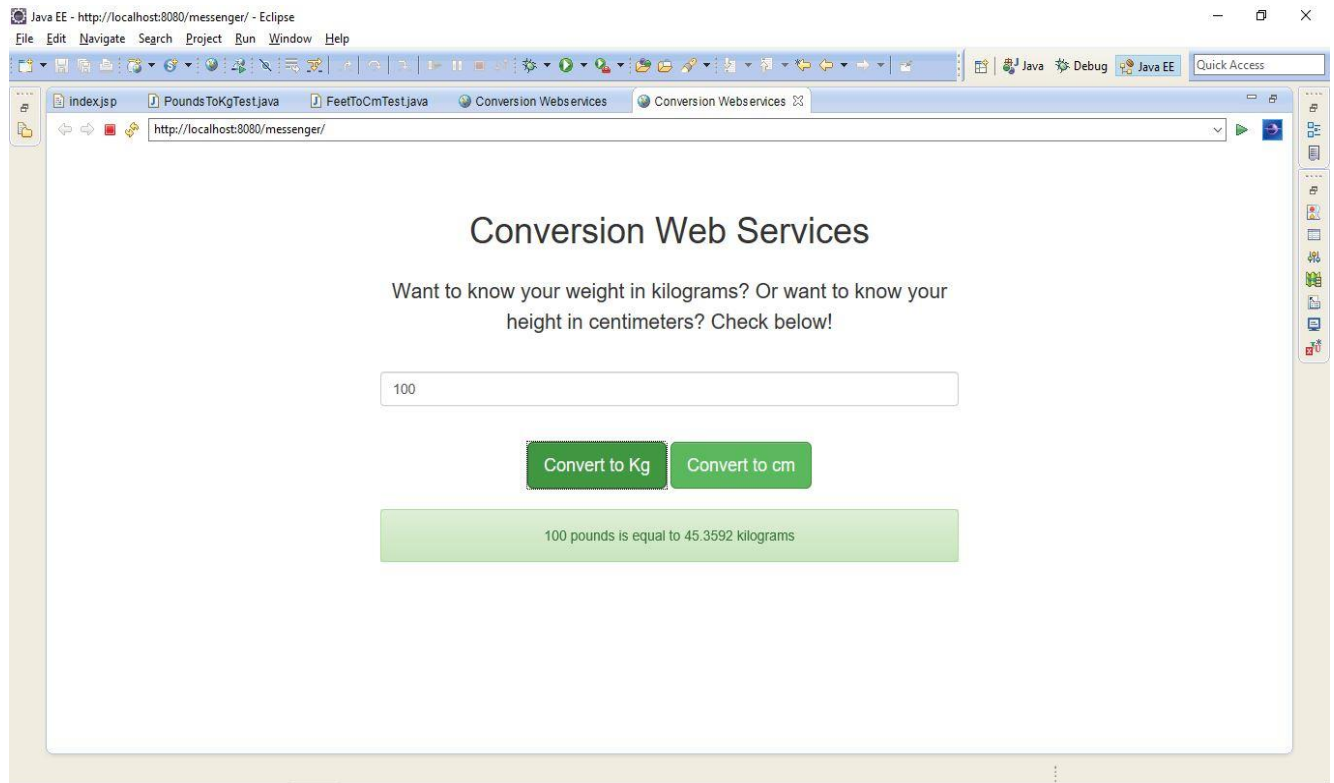
- In this assignment we have created our own web services using Jersey/JAX-RS.
- The web services developed during this lab are conversion of pounds to kilograms and conversion of feet to centimeters.



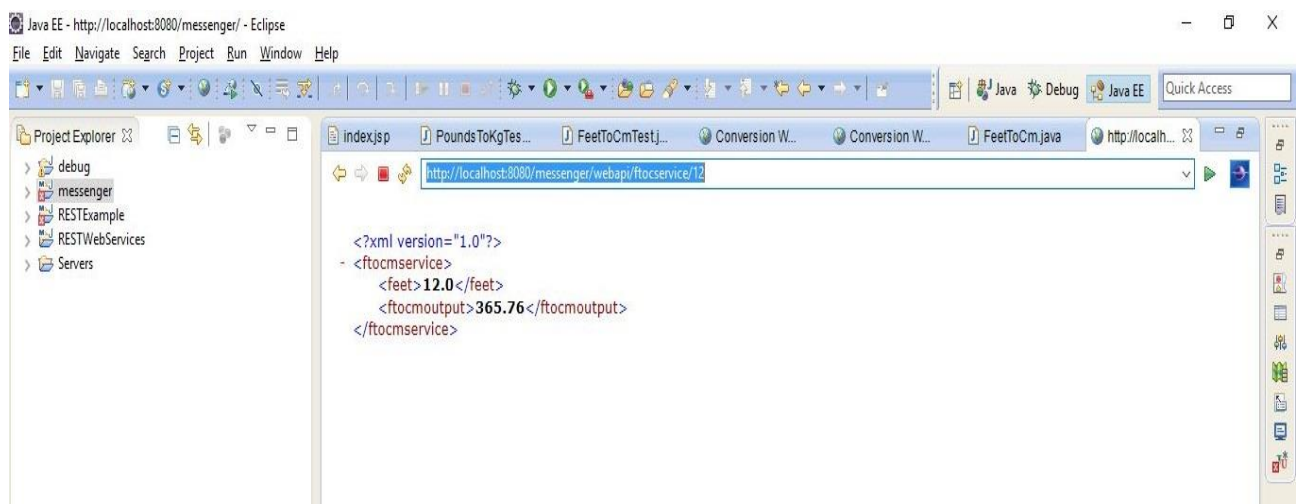
- The xml data returned from the pound to kg web service has been parsed and the required data has been taken.



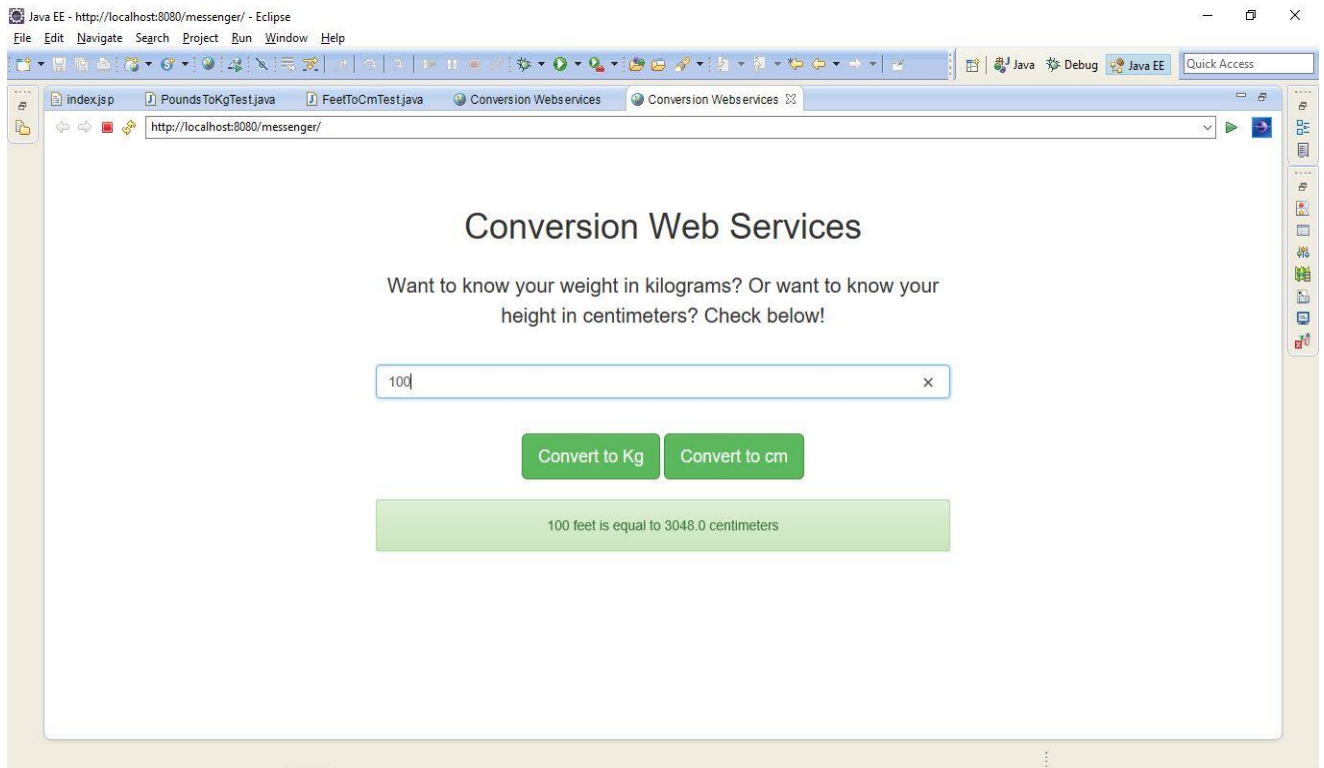
- 100 pounds is equal to 45.3592 pounds, so the pound data has been parsed from xml content and displayed.



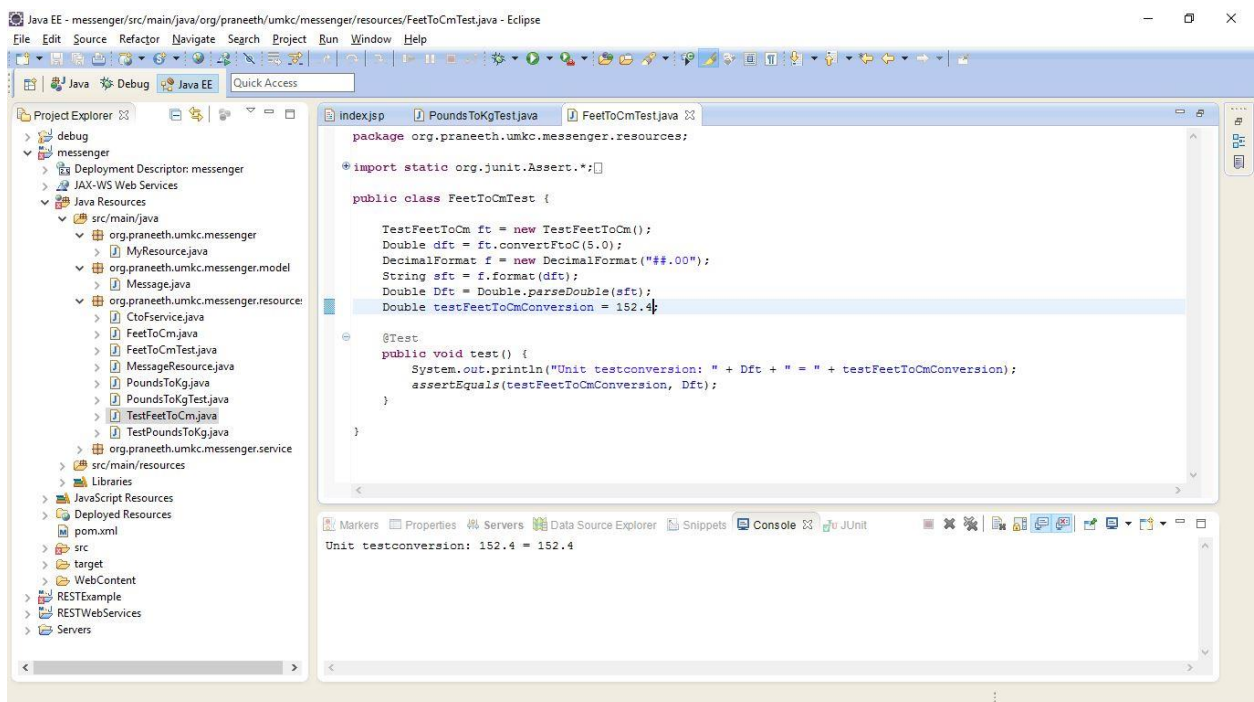
- The xml data returned from the feet to cm web service has been parsed and the required data has been taken.



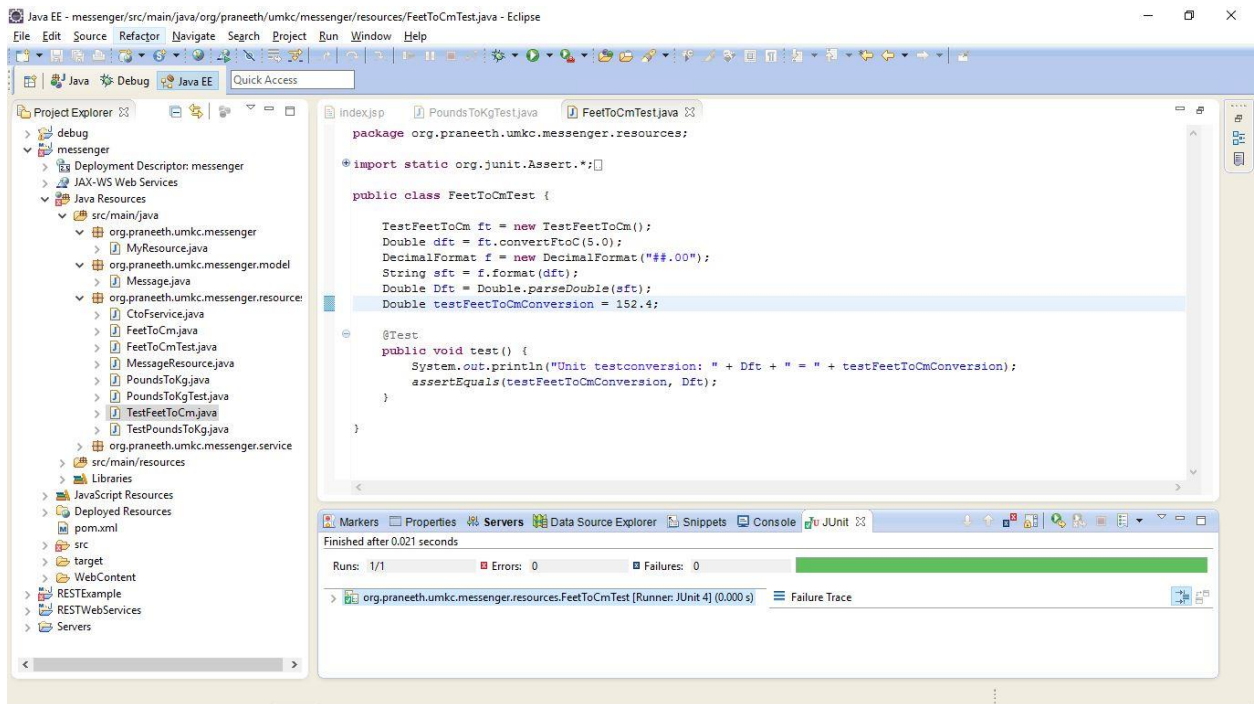
- Similarly 100 feet is equal to 3048 centimeters, so the centimeter data has been parsed from xml content and displayed.



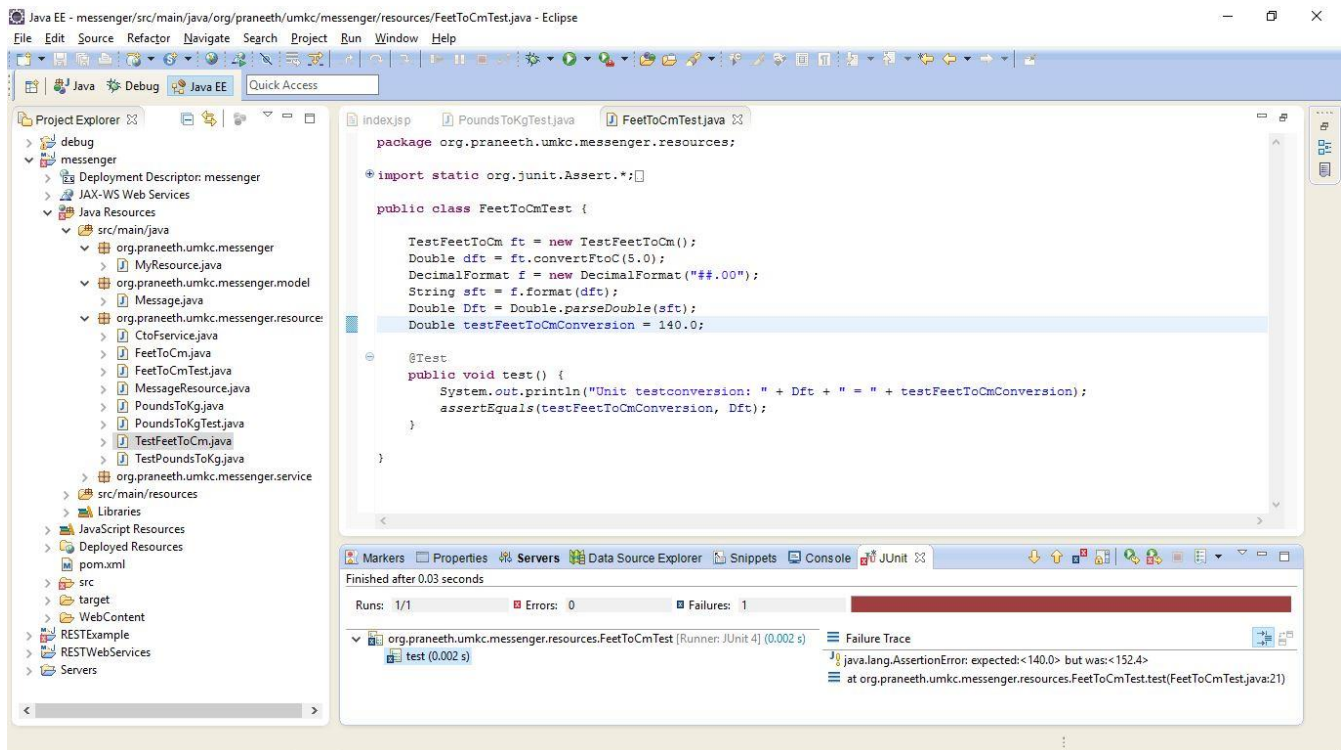
- JUnit test cases have been created for the appropriate methods.
- 5 feet is equal to 152.4cm. So our JUnit test is successful as our expected value is correct.



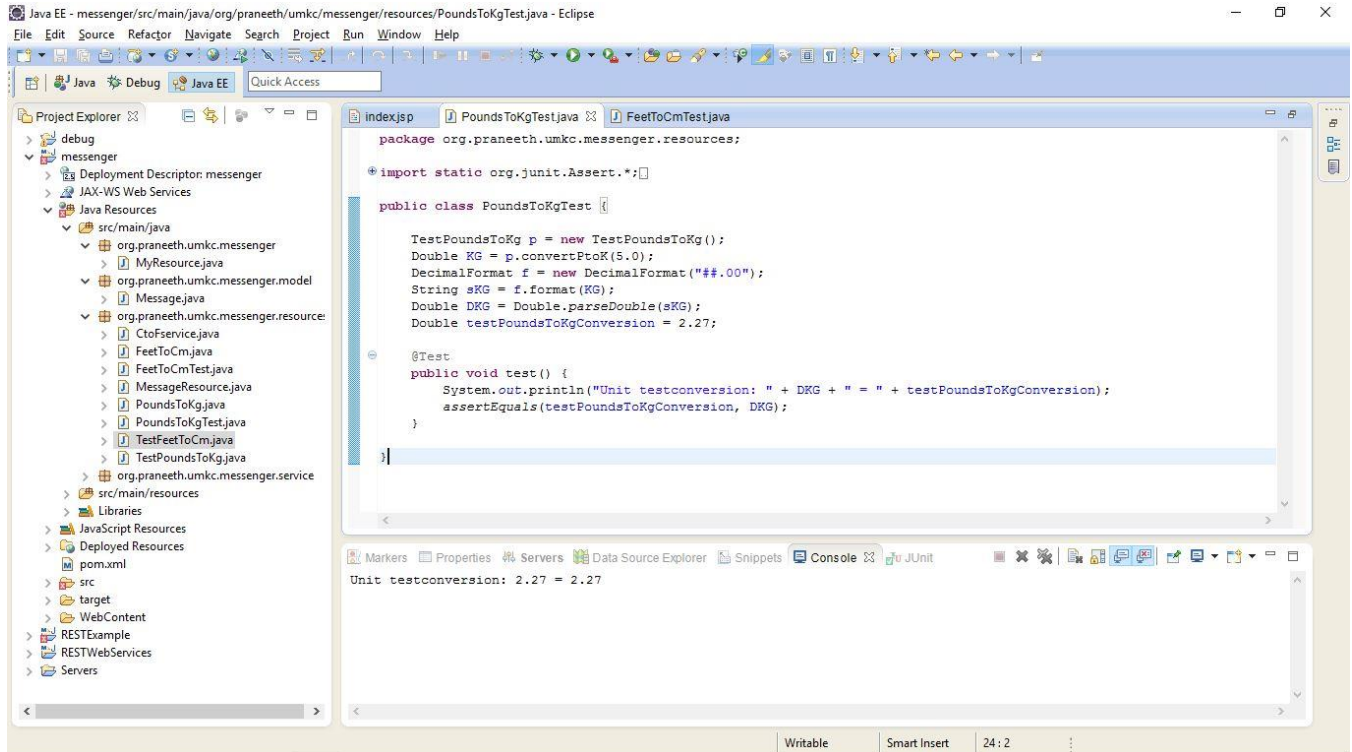
- We can see the success in the JUnit dialog box and it turns to green color.



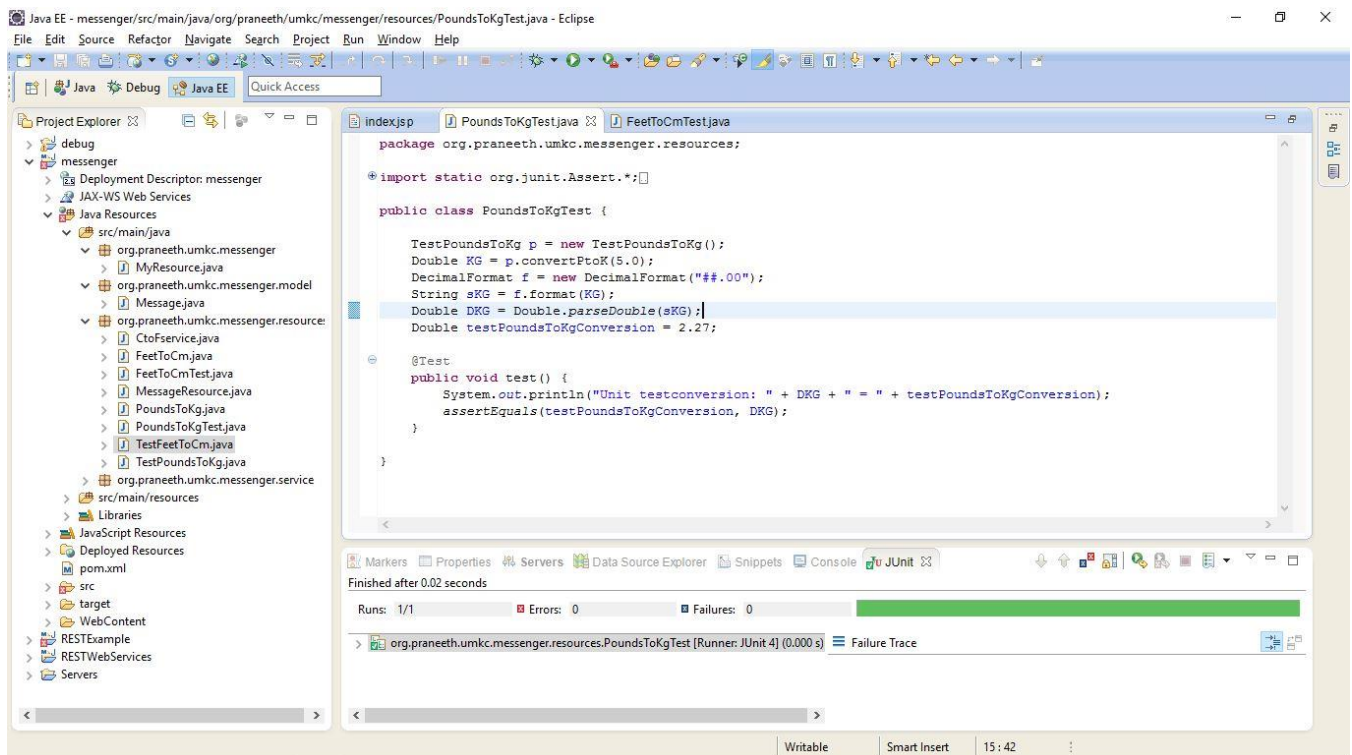
- Now when we try to assert the wrong value, we get failure trace as below because we gave the expected value as 140, but correct output is 152.4 (as 5 feet equals 152.4 cm)



- 5 pounds is equal to 2.27 kg. So our JUnit test is successful as our expected value is correct.



- We can see the success in the JUnit dialog box and it turns to green color.



- Now when we try to assert the wrong value, we get failure trace as below because we gave the expected value as 7, but correct output is 2.27 (as 5 pounds equals 2.27 kg)

