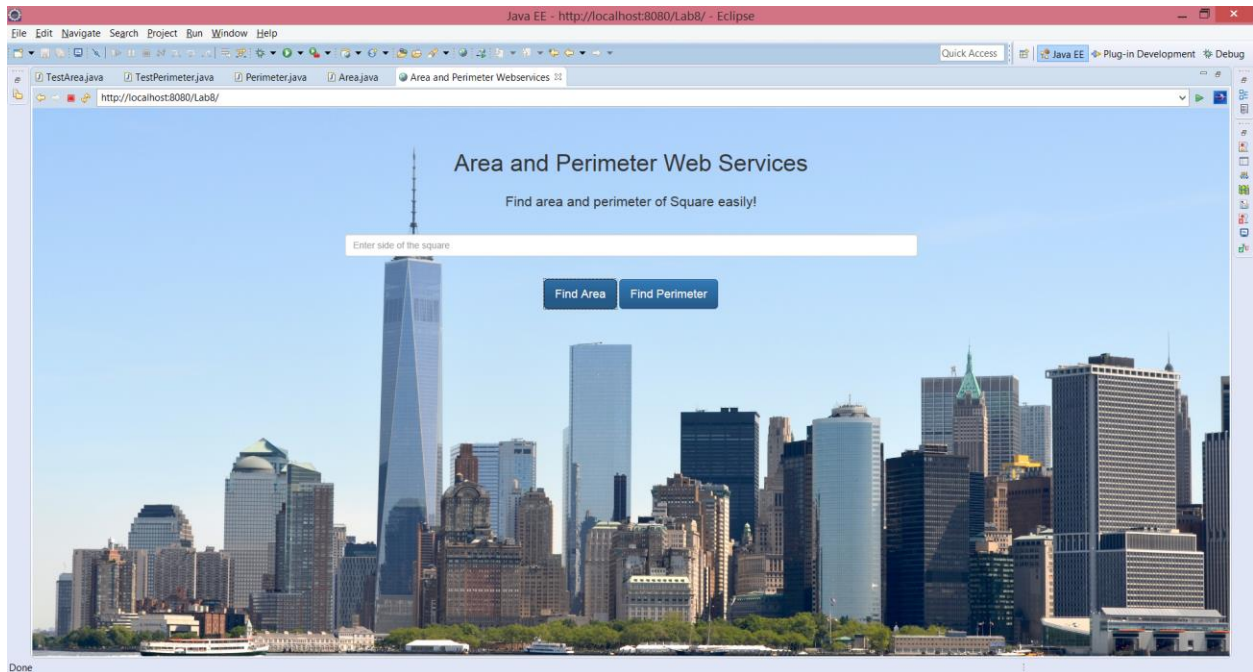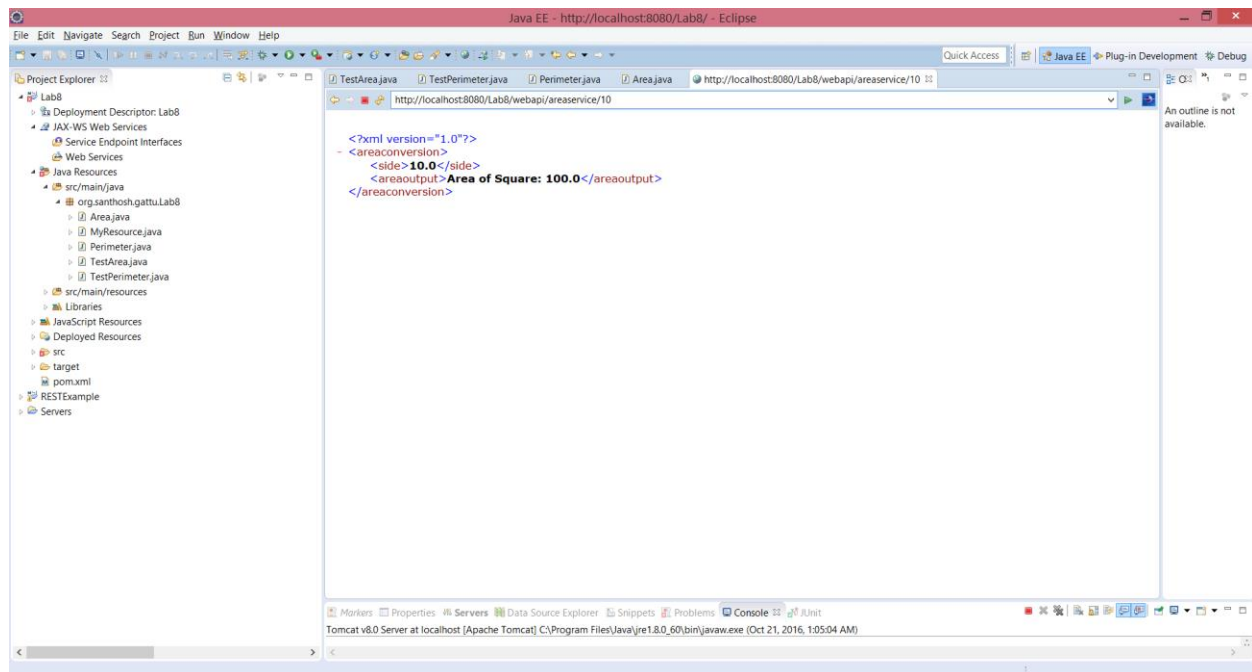# CS551 Advanced Software Engineering
LAB ASSIGNMENT #8

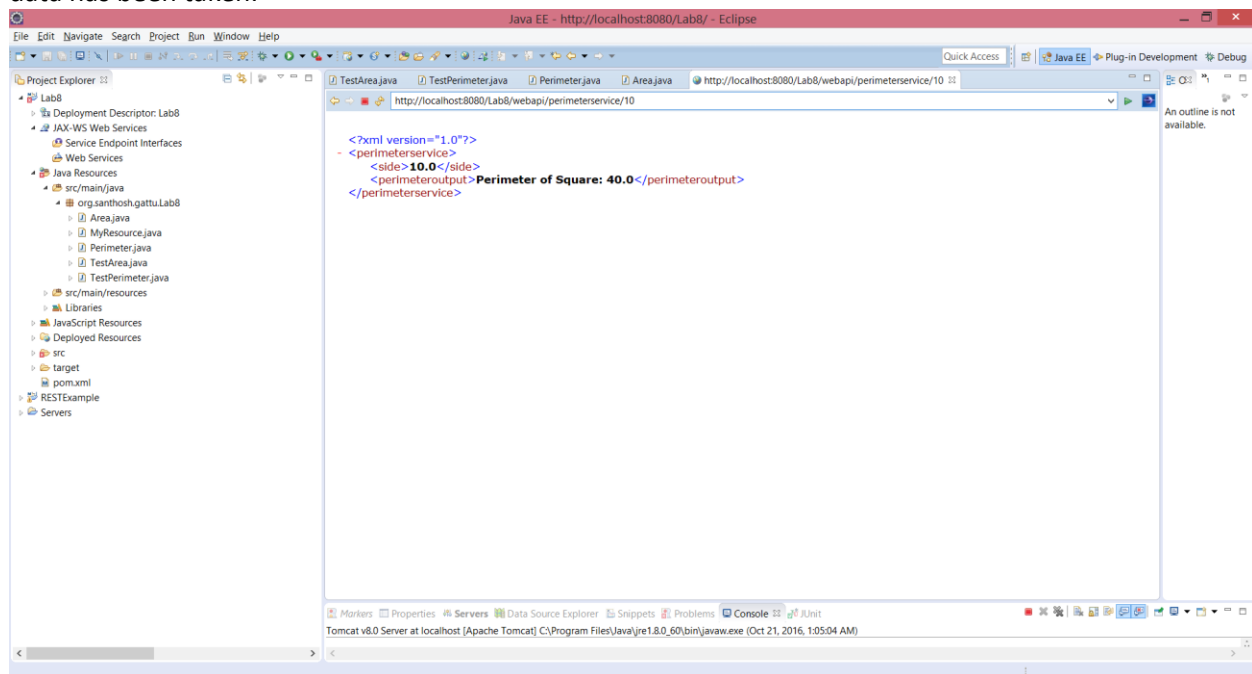For this assignment I have created web services using Jersey/ JAX RX

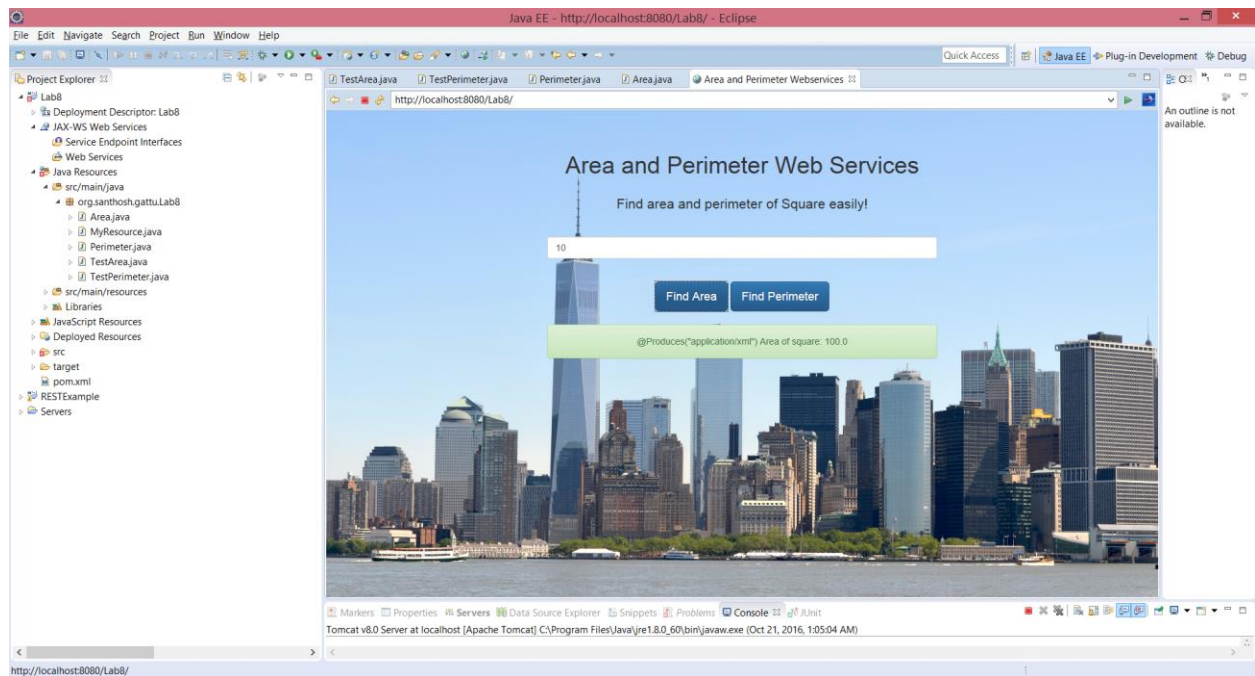The 2 web services created are calculating area and perimeter of square.

The xml data returned from calculating square area web service has been parsed and the required data
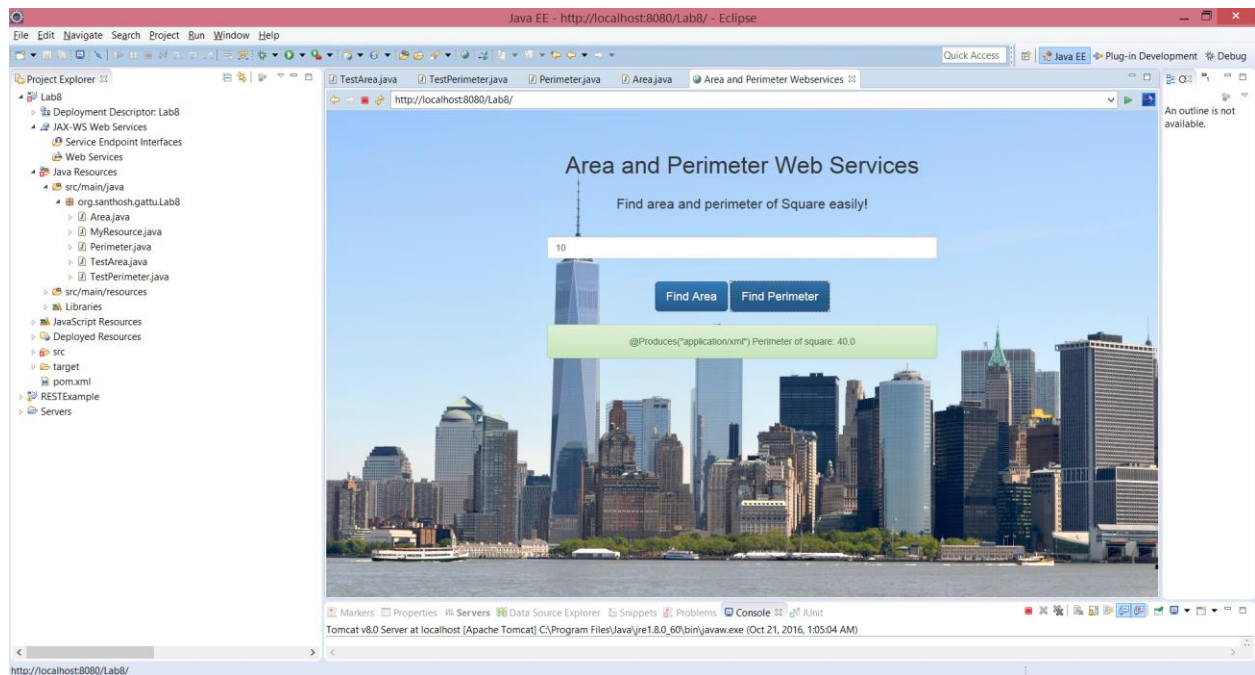Has been taken.

The xml data returned from calculating square perimeter web service has been parsed and the required data has been taken.

Value of area with side = 10.0 is 100.0. The area value has been parsed from xml content and displayed.
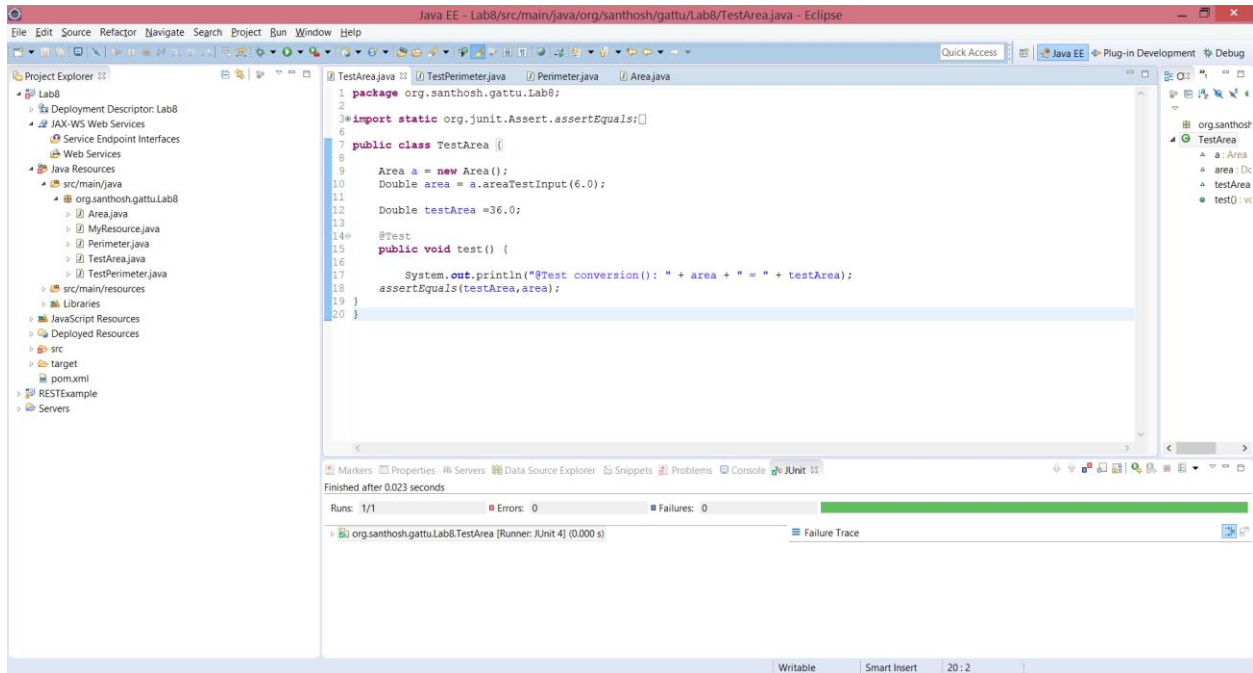
Value of perimeter with side = 10.0 is 40.0. The perimeter value has been parsed from xml content and displayed.
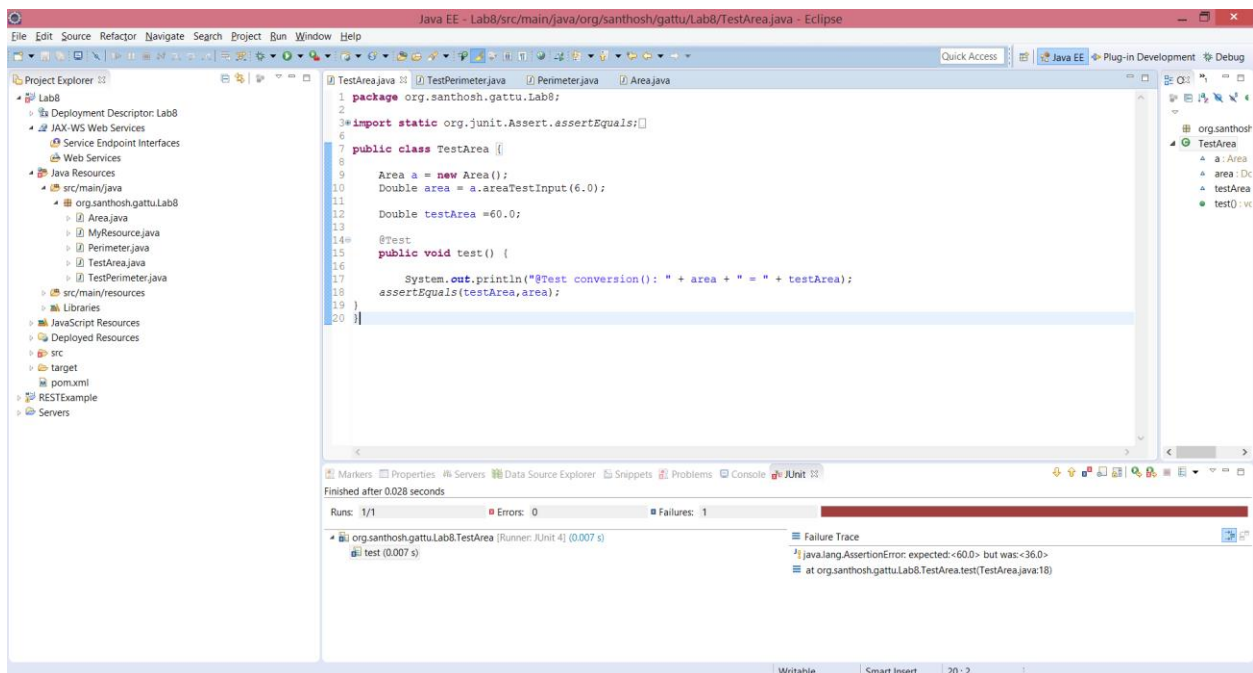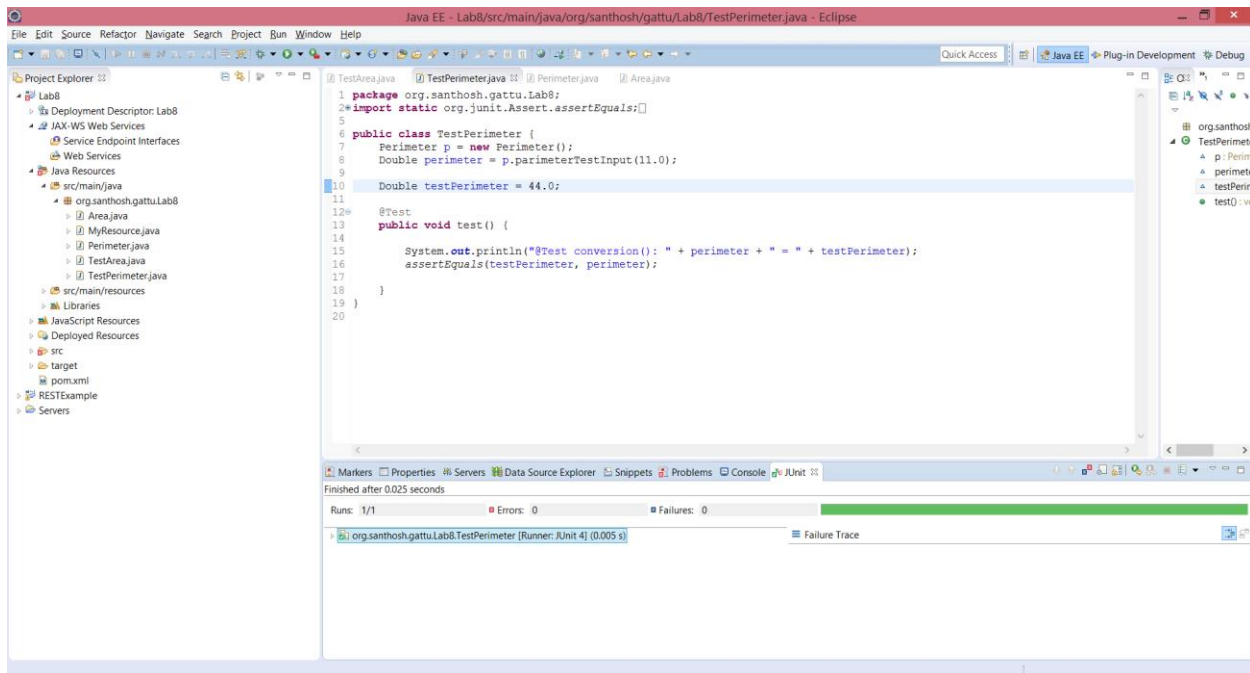
Junit test cases

For area: if side=6.0 then area should be = 36.0, which shows correctly by running Junit unit test case which turns green color representing test case has passed.

For area: If side = 6.0 then area should be = 36.0. Here the test case has failed with red color since I have given the expected value intentionally wrong as 60.0, actual value is 36.0.

For perimeter: if side=11.0 then perimeter should be = 44.0, which shows correctly by running Junit unit test case which turns green color representing test case has passed.

For perimeter: If side = 11.0 then perimeter should be = 44.0. Here the test case has failed with red color since I have given the expected value intentionally wrong as 454.0, actual value is 44.0.