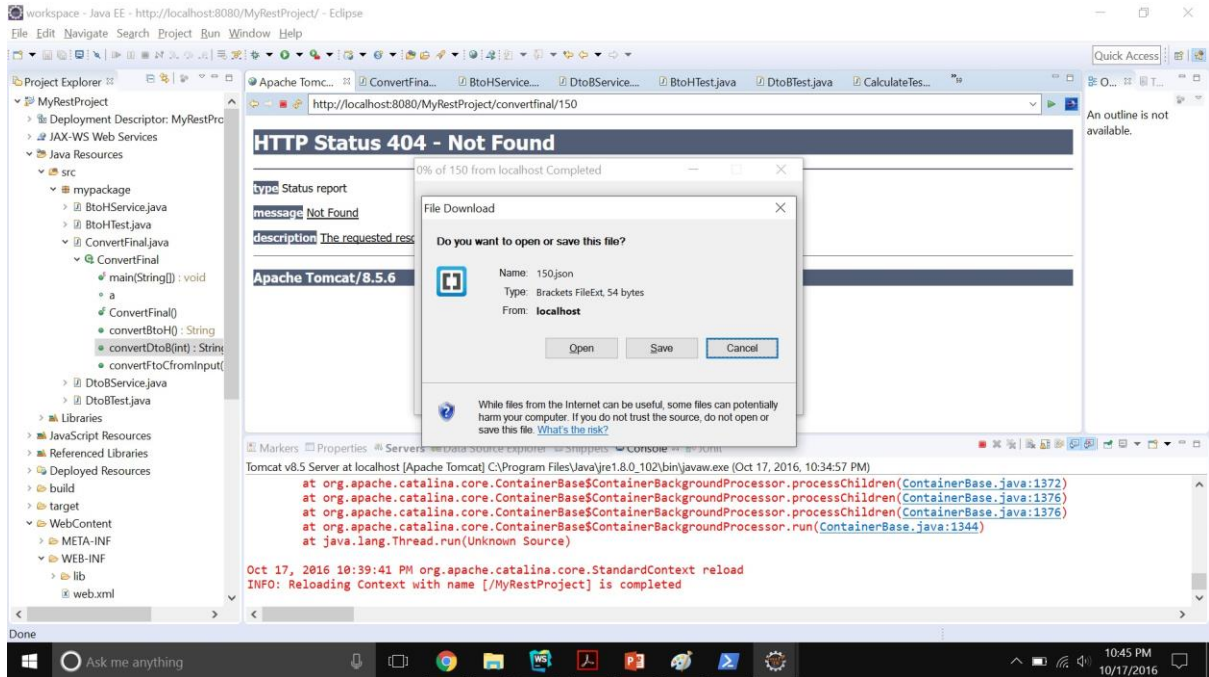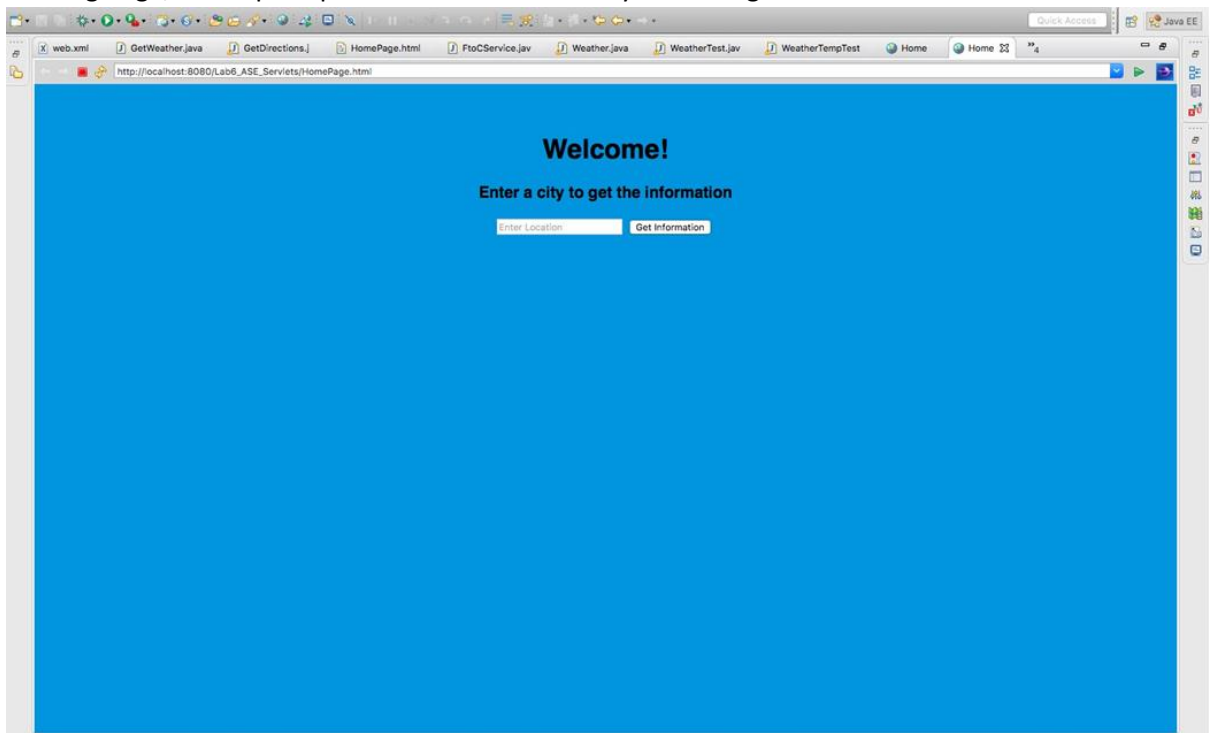Lab 8 Report

Submitted by: Sai Sriharsha Sudulaguntla
Class id: 50.

Two Web Server Proxy to integrate data from Rest Services: Openweathermap API which gives the weather details of a city, Wikipedia API which gives the information about a City.
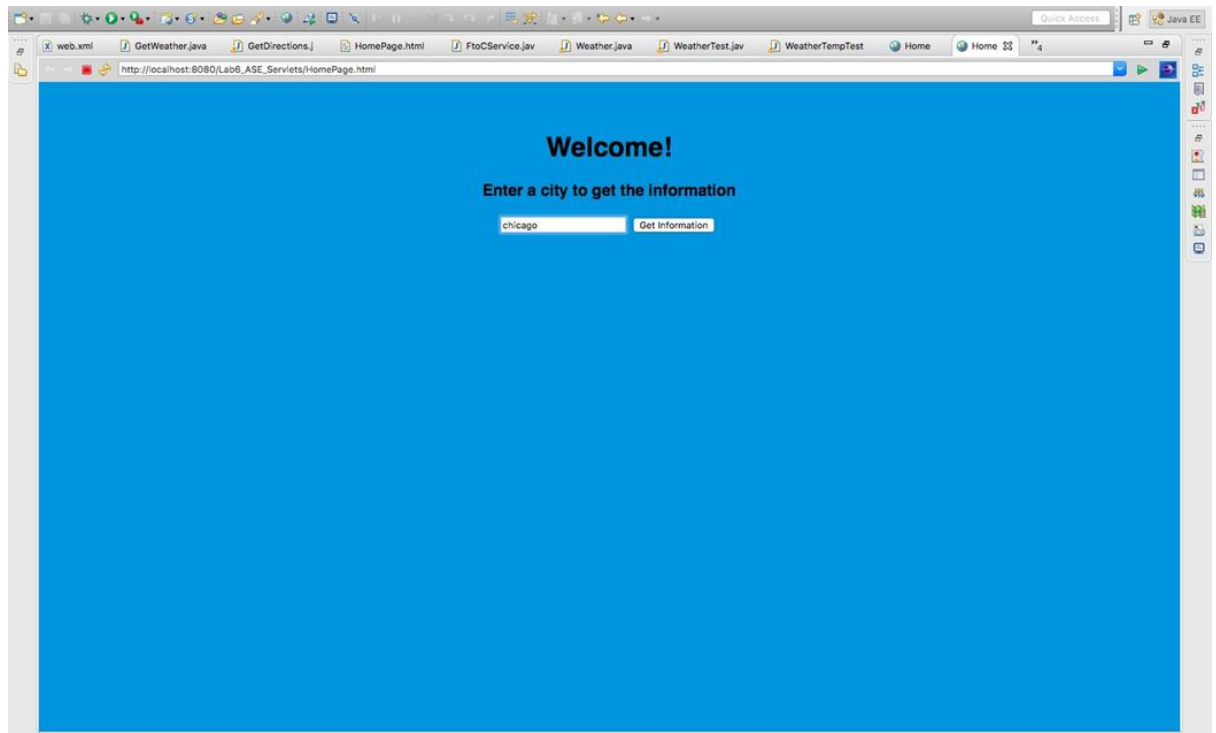

This mash up consists of three pages:

1. Landing Page, which prompts the user to Enter a city name to get the information.

2. User enters a city names and clicks on Get information button.

3. On the landing Page, Basic information about Chicago is Brought from its wiki page, as well as the weather information is fetched by the Openweathermap API.

http://localhost:8080/Lab6_ASE_Servlets/Weather?location=chicago&submitbutton=Get+Infor

Basic information about chicago

Latitude : 41.85

Longitude : -87.65

Humidity : 86

Temperature : 25.0° F

Description : overcast clouds

About chicago : Chicago (/???k???o?/ or /???k???o?/) is the third most populous city in the United States. With over 2.7 million residents, it is the most populous city in the state of Illinois and the Midwest. The Chicago metropolitan area, often referred to as Chicagoland, has nearly 10 million people and is the third-largest in the U.S. Chicago is the seat of Cook County.\nChicago was incorporated as a city in 1837, near a portage between the Great Lakes and the Mississippi River watershed, and grew rapidly in the mid-nineteenth century. The city is an international hub for finance, commerce, industry, technology, telecommunications, and transportation: O'Hare International Airport is the busiest airport in the world when measured by aircraft traffic; it also has the largest number of U.S. highways and rail road freight. In 2012, Chicago was listed as an alpha global city by the Globalization and World Cities Research Network, and ranked seventh in the world in the 2014 Global Cities Index. As of 2014, Chicago had the third largest gross metropolitan product in the United States at US$610.5 billion.\nIn 2014, Chicago had 50.2 million international and domestic visitors. Chicago's culture includes the visual arts, novels, film, theater, especially improvisational comedy, and music, particularly jazz, blues, soul, gospel and house music. It also has professional sports teams in each of the major professional leagues. Chicago has many nicknames, the best-known being the Windy City.\n\n

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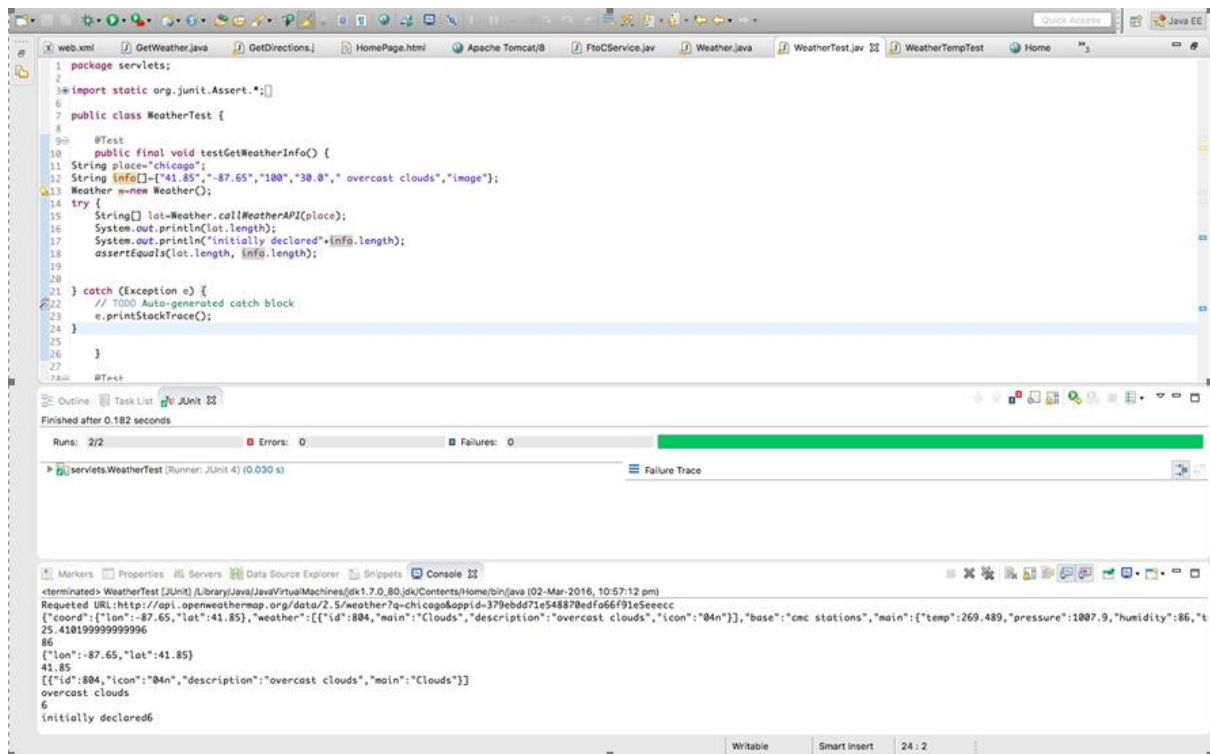http://localhost:8080/Lab6_ASE_Servlets/Weather?location=chicago&submitbutton=Get+Information

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JUNIT TEST CASES:

PASS:

FAIL: