

# CS551 Advanced Software Engineering

## LAB ASSIGNMENT #5

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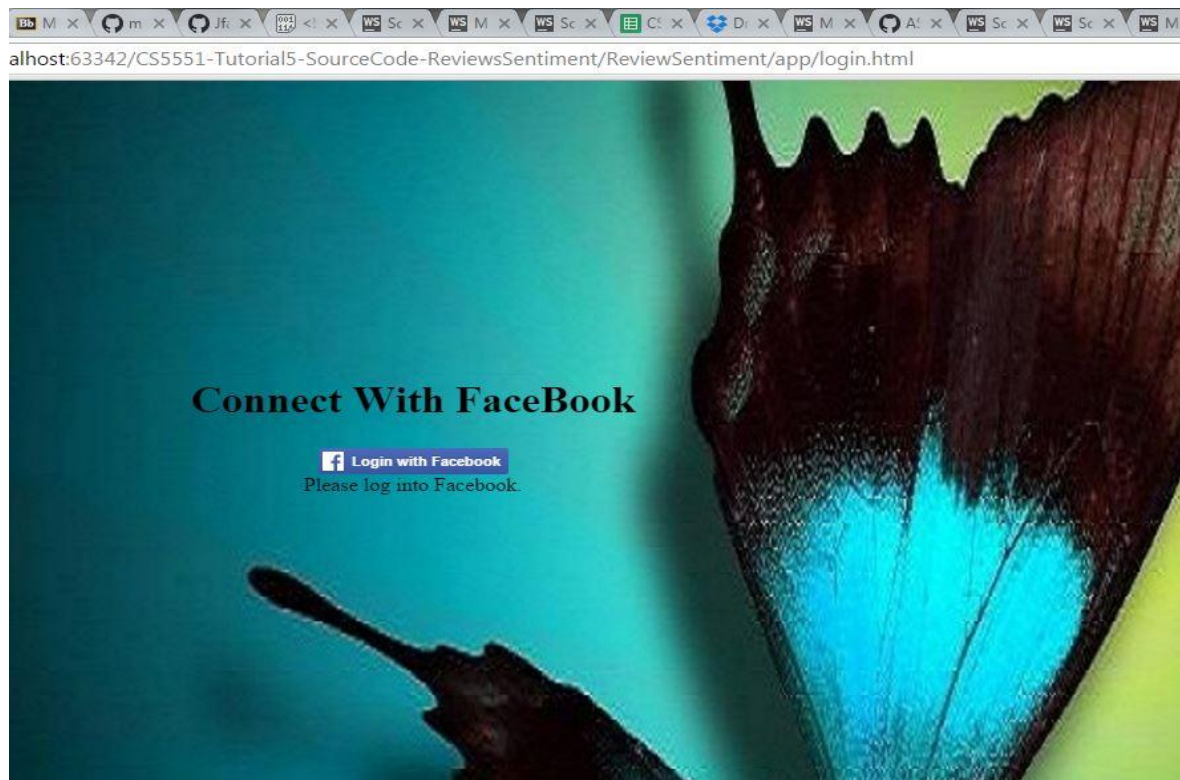
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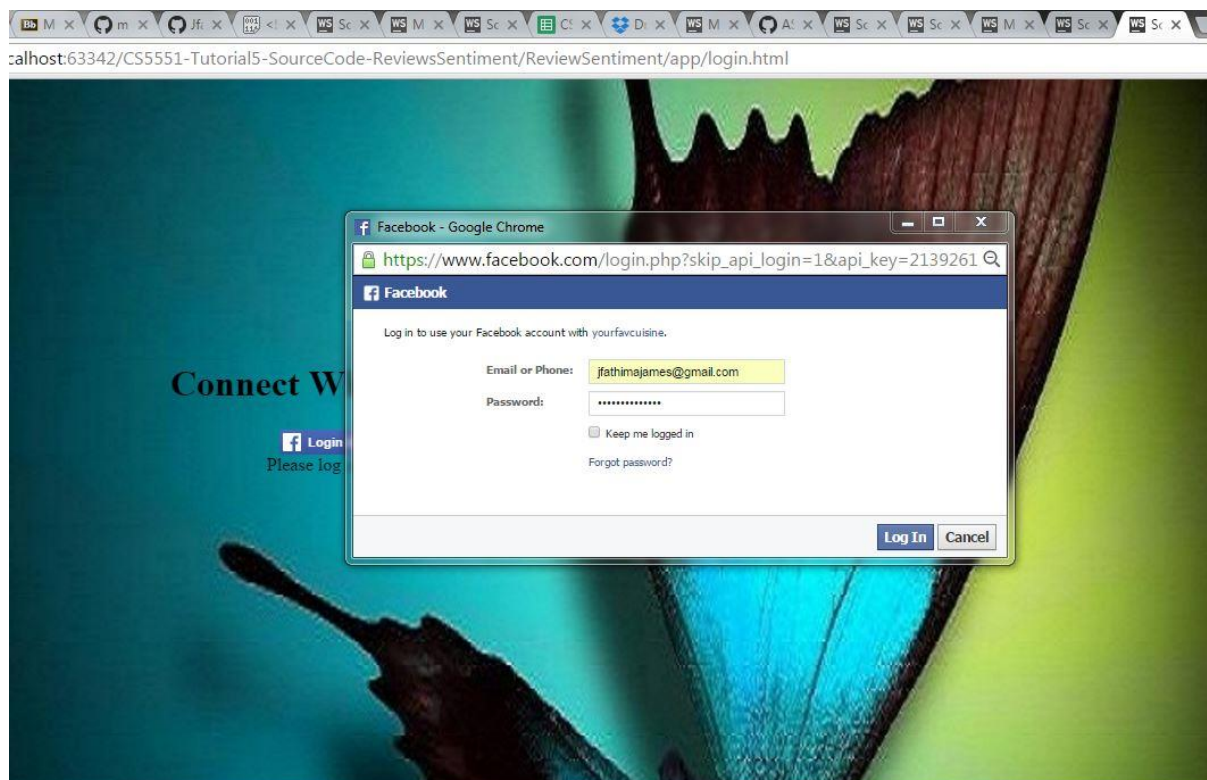
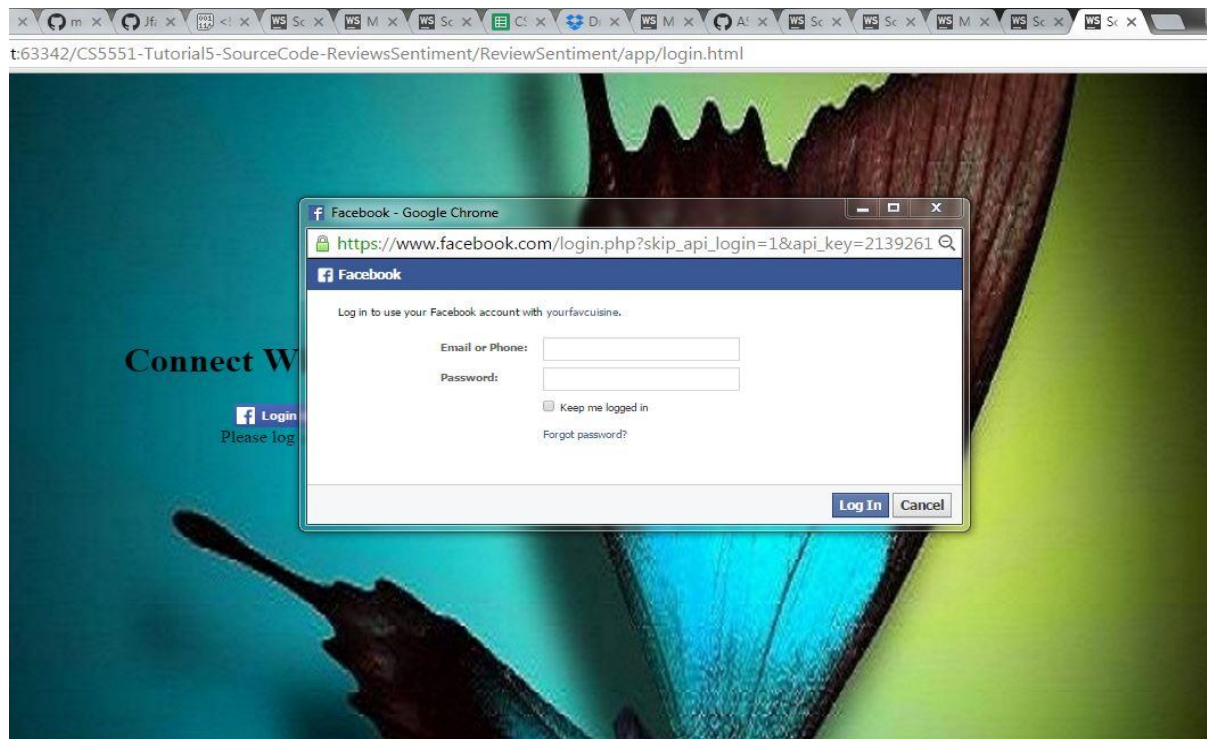
### Favorite Restaurant Analysis with Social Login

In my application, the user can login through Facebook. I used the Facebook SDK for login process and REST webservice for the homepage activity. My new application name is yourfavcuisine, that means the user can get their favorite restaurant details as per their favorite cuisine.

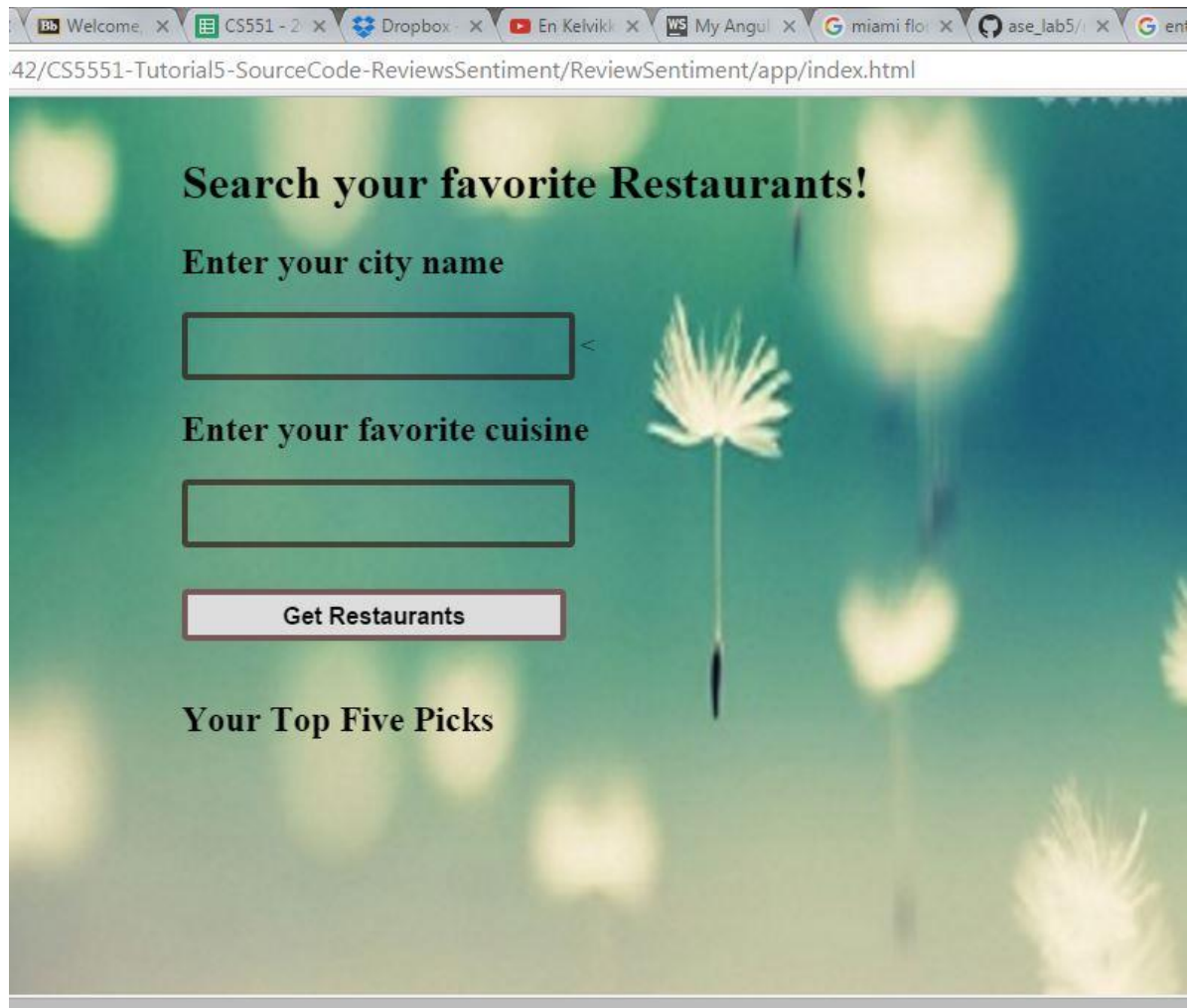
**Step 1:** To start the process, the user should login through facebook. As shown in the screenshot, the login page asks the user to login through facebook.



**Step 2:** As per the below screenshots, we have to enter the user credentials like Email or phone number or password.



**Step 3:** Once the user logged in through the facebook. They will redirect to the home page. As shown in the below screenshot, the homepage has "Enter your city name" and "Enter your favorite cuisine" option textboxes. Once the user entered their favorite choice of city and restaurant, they can get the top five picks by clicking the "Get Restaurants" button. After that we can see the top five restaurants of their favorite city based on the cuisine.



The screenshot shows a web browser window with multiple tabs. The active tab displays a web page with a green background and a dandelion seed head. The page title is "Search your favorite Restaurants!". Below the title, there are two text input fields: "Enter your city name" and "Enter your favorite cuisine". A button labeled "Get Restaurants" is positioned below the second input field. At the bottom of the visible area, the text "Your Top Five Picks" is displayed.

Welcome, x CS551 - 2 x Dropbox x En Kelviki x WS My Angul x miami flor x ase\_lab5/i x ent

42/CS5551-Tutorial5-SourceCode-ReviewsSentiment/ReviewSentiment/app/index.html

## Search your favorite Restaurants!

Enter your city name

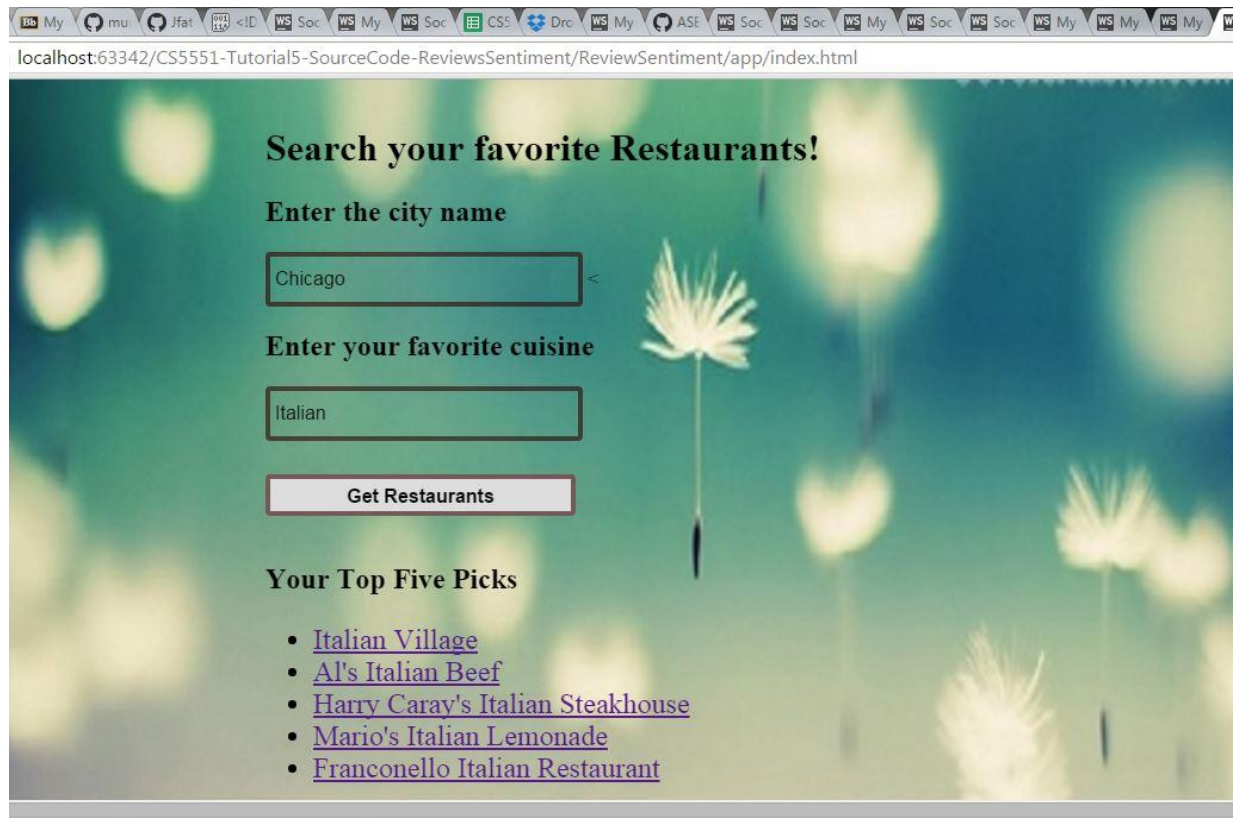
Enter your favorite cuisine

Get Restaurants

Your Top Five Picks

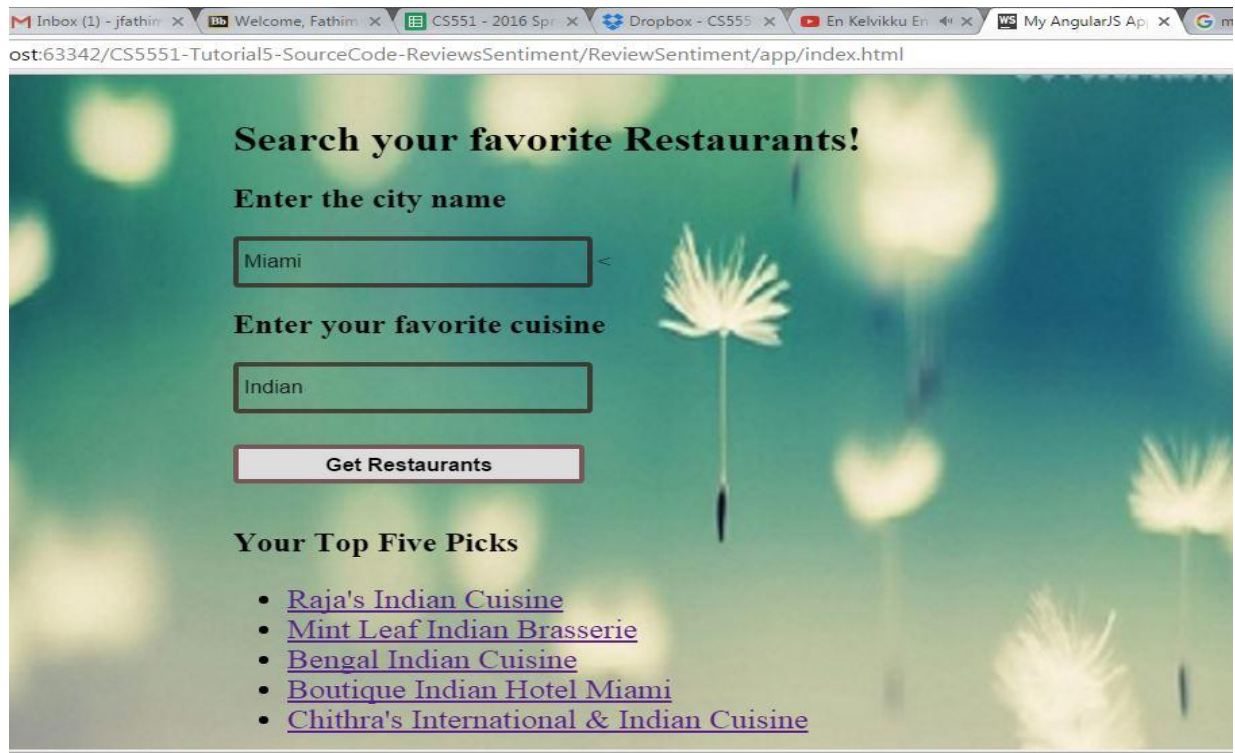


The below screenshot shows the top five picks for the favorite cuisine "Italian" and the city name is Chicago.



The screenshot shows a web browser window with the address bar displaying "localhost:63342/CS5551-Tutorial5-SourceCode-ReviewsSentiment/ReviewSentiment/app/index.html". The web page has a green background with a dandelion pattern. The main heading is "Search your favorite Restaurants!". Below it, there are two input fields: "Enter the city name" with the value "Chicago" and "Enter your favorite cuisine" with the value "Italian". A "Get Restaurants" button is located below the input fields. Under the heading "Your Top Five Picks", there is a list of five restaurants:

- [Italian Village](#)
- [Al's Italian Beef](#)
- [Harry Caray's Italian Steakhouse](#)
- [Mario's Italian Lemonade](#)
- [Franconello Italian Restaurant](#)



The screenshot shows the same web application as the first screenshot, but with different input values. The address bar displays "localhost:63342/CS5551-Tutorial5-SourceCode-ReviewsSentiment/ReviewSentiment/app/index.html". The input fields now contain "Miami" for the city name and "Indian" for the favorite cuisine. The "Get Restaurants" button remains the same. Under the heading "Your Top Five Picks", there is a list of five restaurants:

- [Raja's Indian Cuisine](#)
- [Mint Leaf Indian Brasserie](#)
- [Bengal Indian Cuisine](#)
- [Boutique Indian Hotel Miami](#)
- [Chithra's International & Indian Cuisine](#)

The below screenshot shows the search result for the different city "Kansas city" and different cuisine "Mexican". But we can view the particular restaurant and their sentiment analysis by using the Alchemy API.

**Search your favorite Restaurants!**

**Enter the city name**

Kansas city

**Enter your favorite cuisine**

Mexican

**Get Restaurants**

**Your Top Five Picks**

- [Manny's Mexican Restaurant](#)
- [Teocali Mexican Restaurant & Cantina](#)
- [Chipotle Mexican Grill](#)
- [Pancho's Mexican Food](#)
- [Zócalo Mexican Cuisine & Tequileria](#)

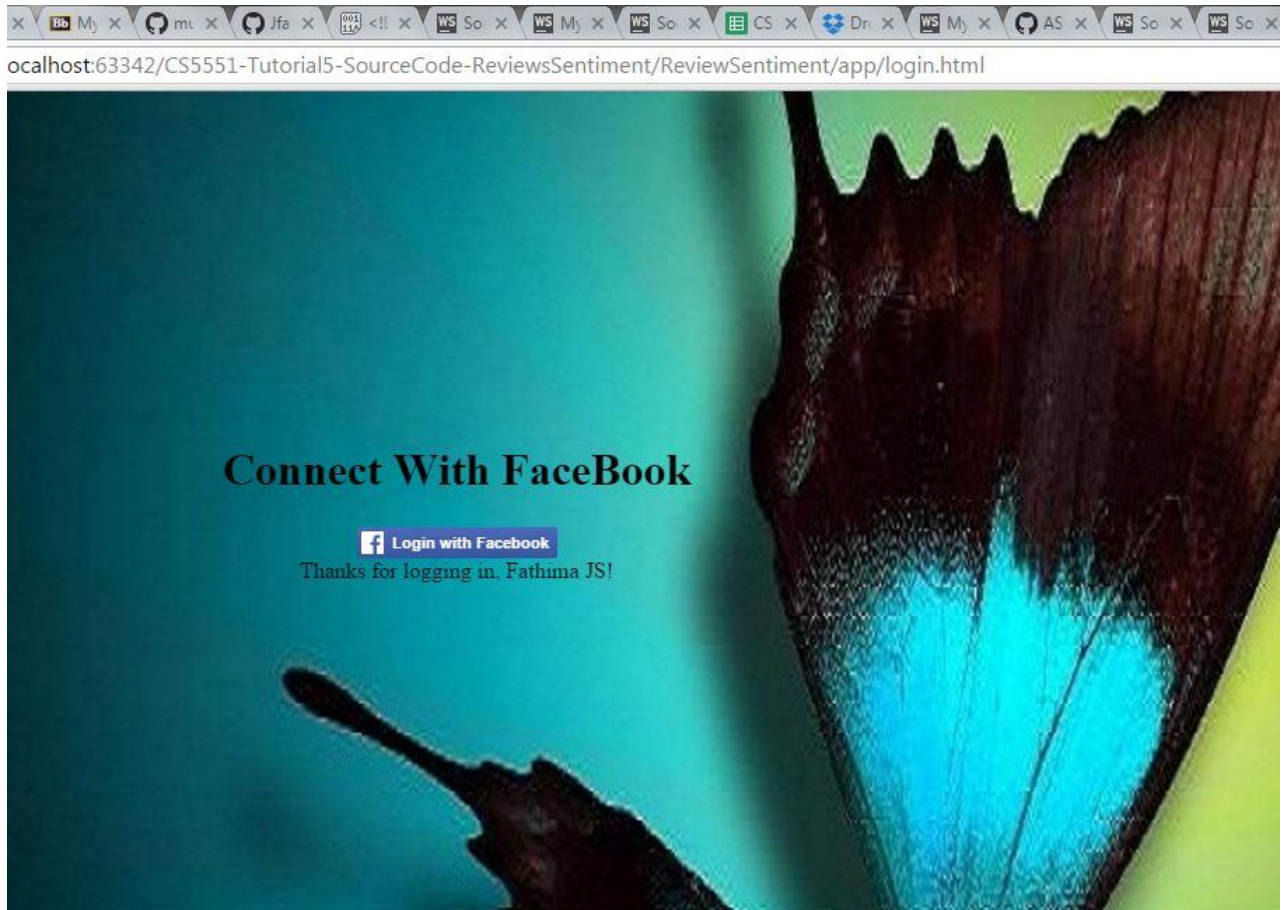
**Sentiment Analysis From Using Alchemy API**

Most recent review	Get the Monterey Burrito
Sentiment of the review	positive
Sentiment Score of the review	0.259361

**Get the Monterey Burrito**



**Step 4:** Once the user get their favorite cuisine restaurant details, they can easily logout, if they want. The below screenshot shows the login page.



**Conclusion:**

As per the requirement, the app login page has been created by using the facebook SDK and created a REST webservice for the homepage activity.