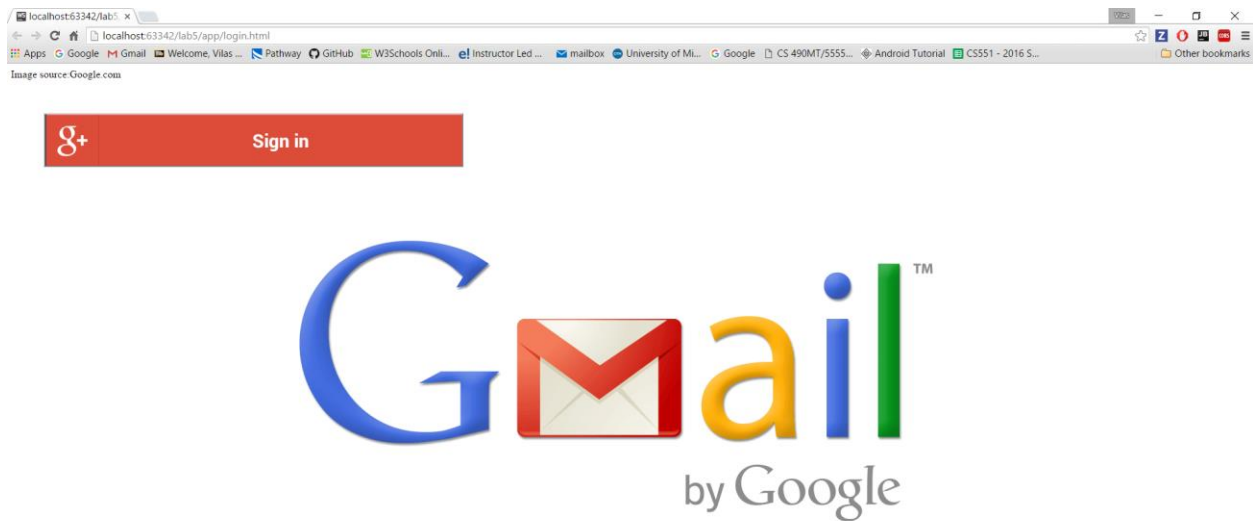


Lab 5 Assignment:

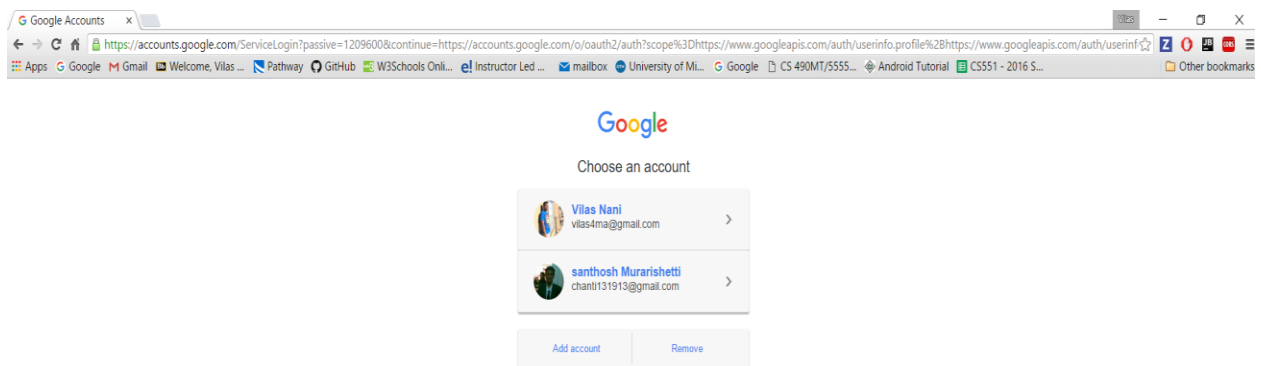
Here we have used two Apis and login through Gmail.

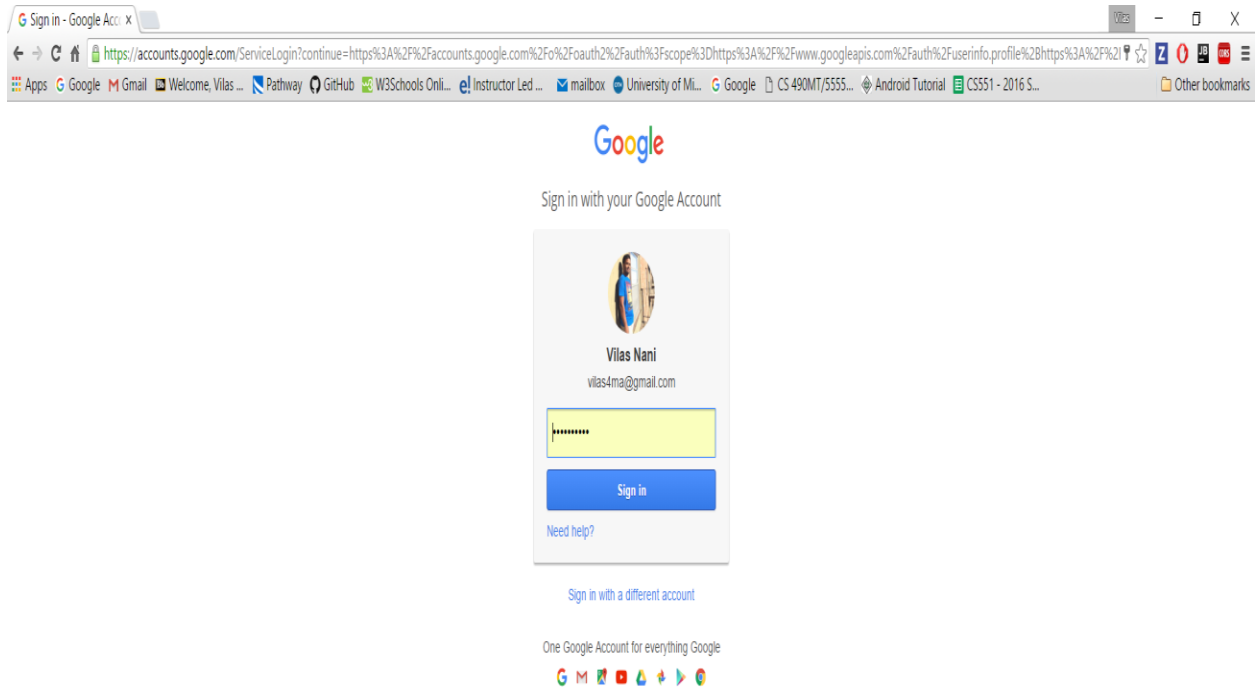
The **login page** is as below:

Here **sign in** is the button which will redirect us to home page.

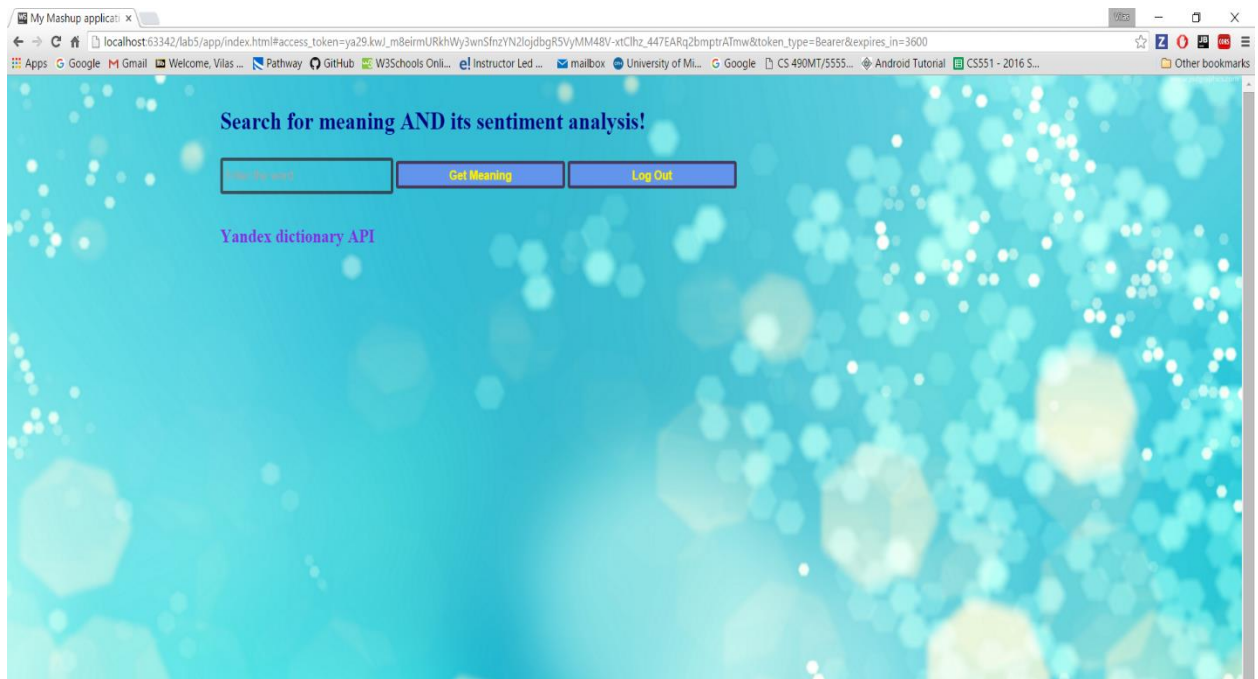


Upon clicking you need to login as below:

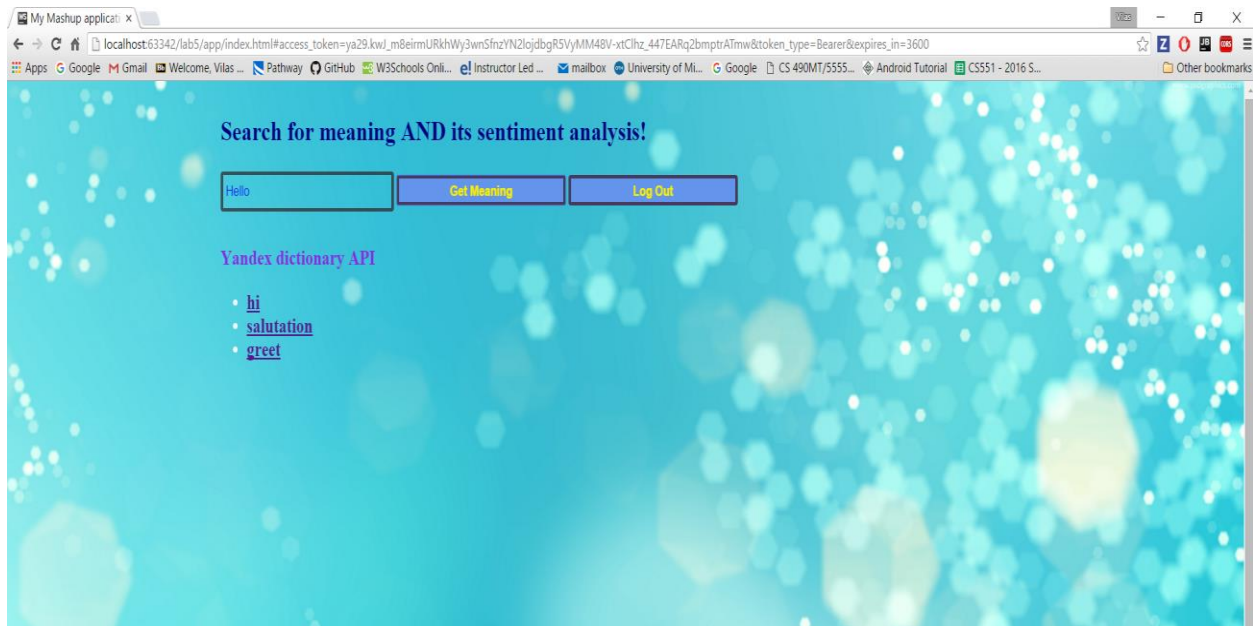




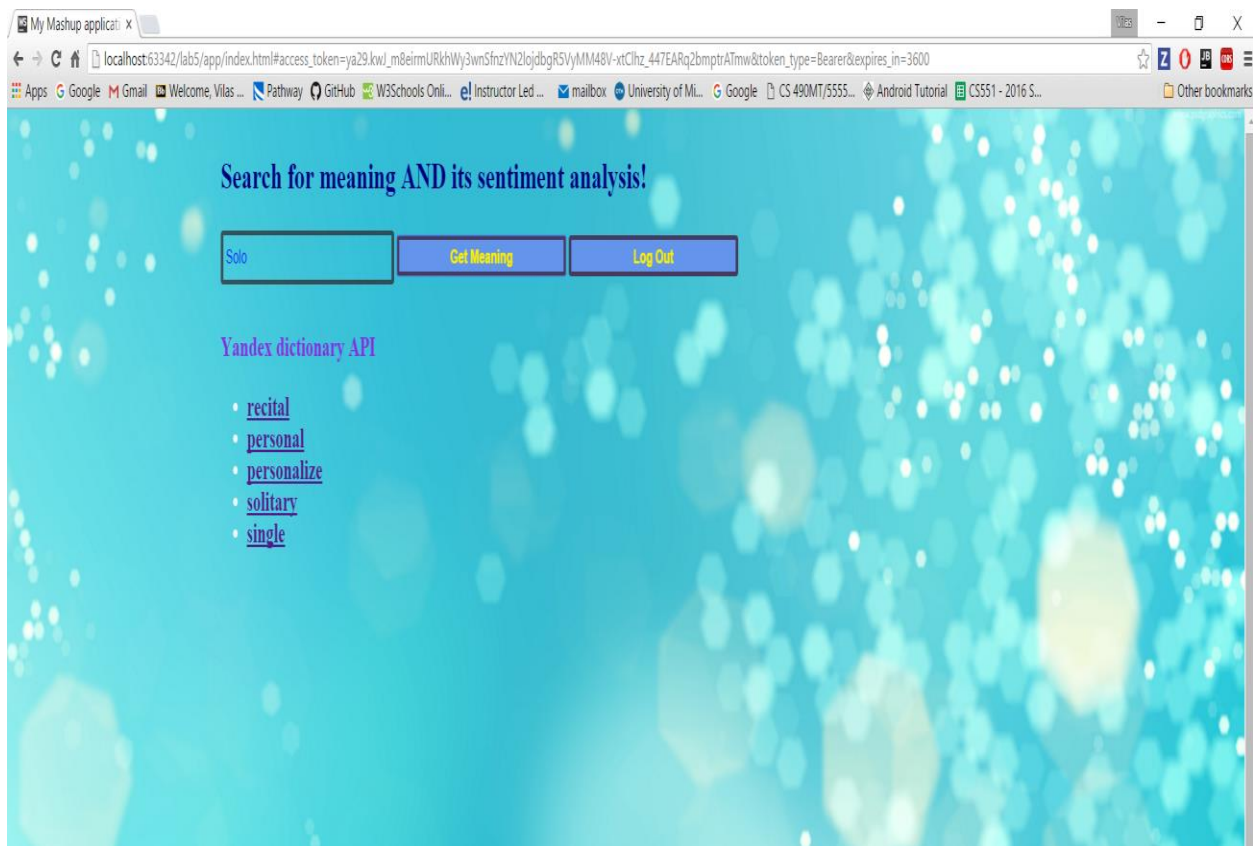
Once you are logged in now you will be redirect to home page as below:



Here you can give the word which you are looking for meaning as below:



e.g. Hello is given and its meanings are displayed. Consider another example solo and its meaning are displayed. (The maximum result is 5 as given in the code)



Once you now got the meaning of the words, now we need to do sentiment analysis for the results. Its as displayed below:

The screenshot shows a web browser window with the URL `localhost:63342/lab5/app/index.html#access_token=ya29.kwI_m8eirmURkhWY3wnSfnzYN2ljdBgRSVyMM48V-xtClhz_447EARq2bmprATmw&token_type=Bearer&expires_in=3600`. The page has a blue background with white dots. At the top, it says "Search for meaning AND its sentiment analysis!". Below this is a search bar containing the word "Solo", a "Get Meaning" button, and a "Log Out" button. Underneath, it says "Yandex dictionary API" and lists five words: [recital](#), [personal](#), [personalize](#), [solitary](#), and [single](#). At the bottom, there is a table titled "Sentiment Analysis From Using Alchemy API".

Sentiment Analysis From Using Alchemy API	
Sentiment of the review	positive
Sentiment Score of the review	0.341165

This screenshot is identical to the one above, but the sentiment analysis results are different. The table titled "Sentiment Analysis From Using Alchemy API" now shows a negative sentiment.

Sentiment Analysis From Using Alchemy API	
Sentiment of the review	negative
Sentiment Score of the review	-0.328101

Log out is the button once you selected you will be redirected to the login page again.