WEATHER SERVICE

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Summary:

This service allows user to display past weeks service based on location.User Interface has been developed in Angularjs while making third party RestFul Call through Express/NodeJs. Third Party Servie call has been hosted on Google Cloud engine and is located at:

To Get last weeks weather based on default location:
https://weatherapp-174405.appspot.com/weather - **Default City: New York**

To Get last weeks weather based on location:
https://weatherapp-174405.appspot.com/weather?city=San Diego

Third Party Service Call

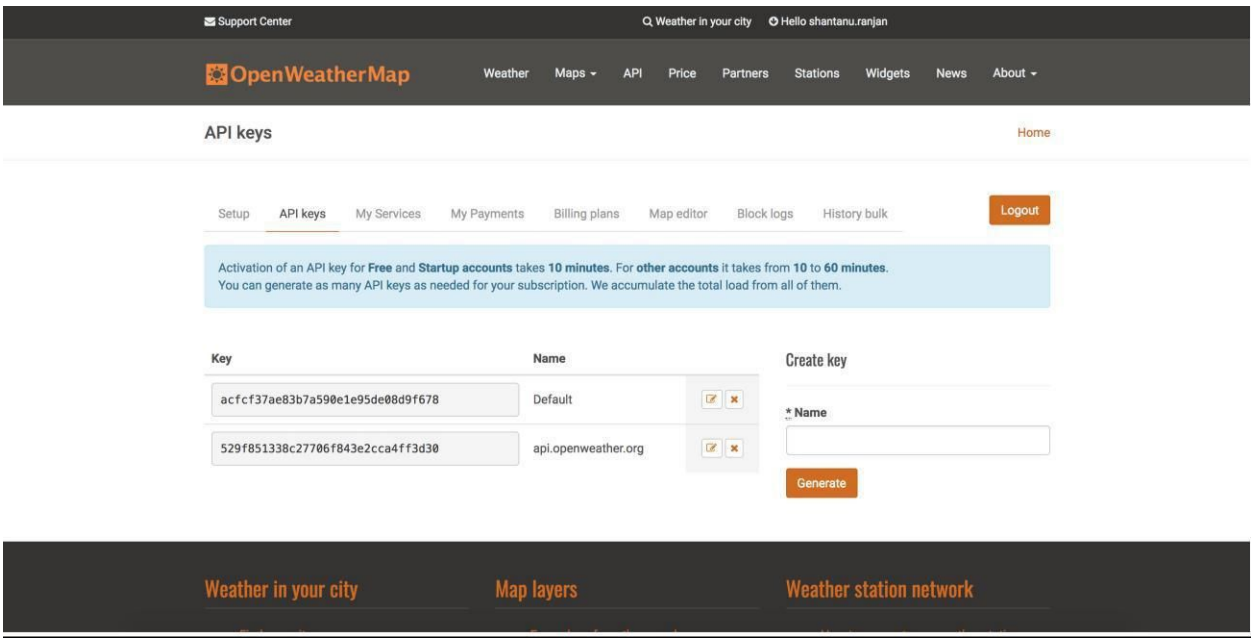
There are many third party apis that expose weather related service to public.This module uses

http://api.openweathermap.org

Please use the following link to setup your account and generate appid key in order to make third party api call.

https://openweathermap.org/appid

Once signed up, you can generate appid key in your dashboard:



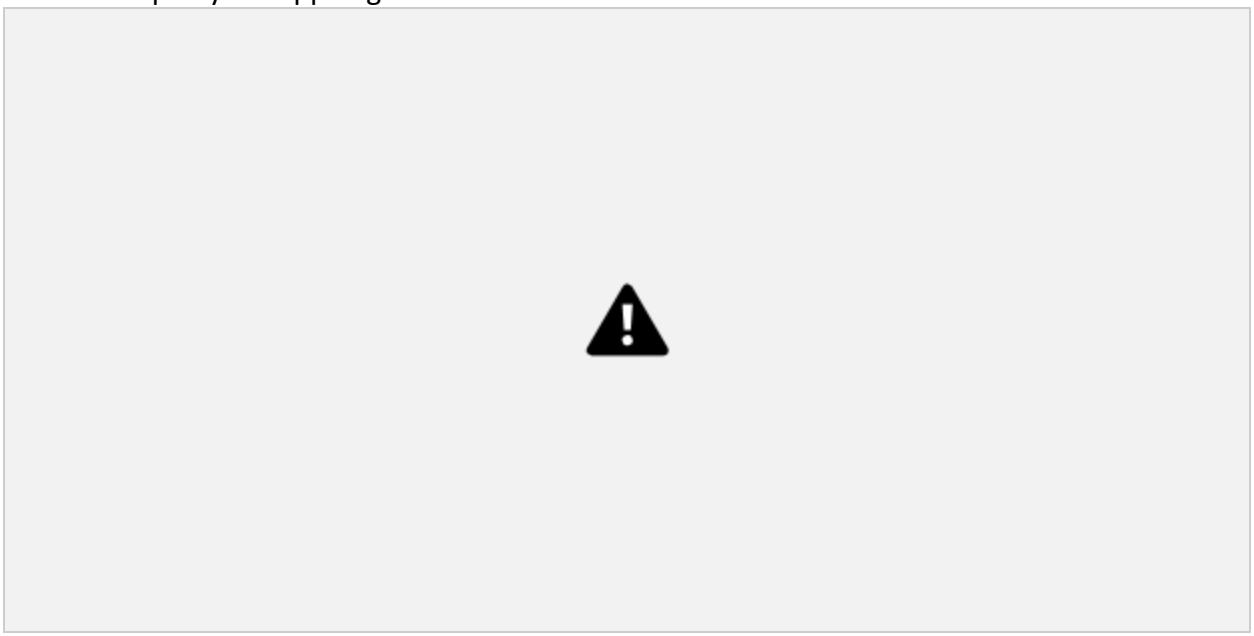
Google Cloud Engine:

Instructions:

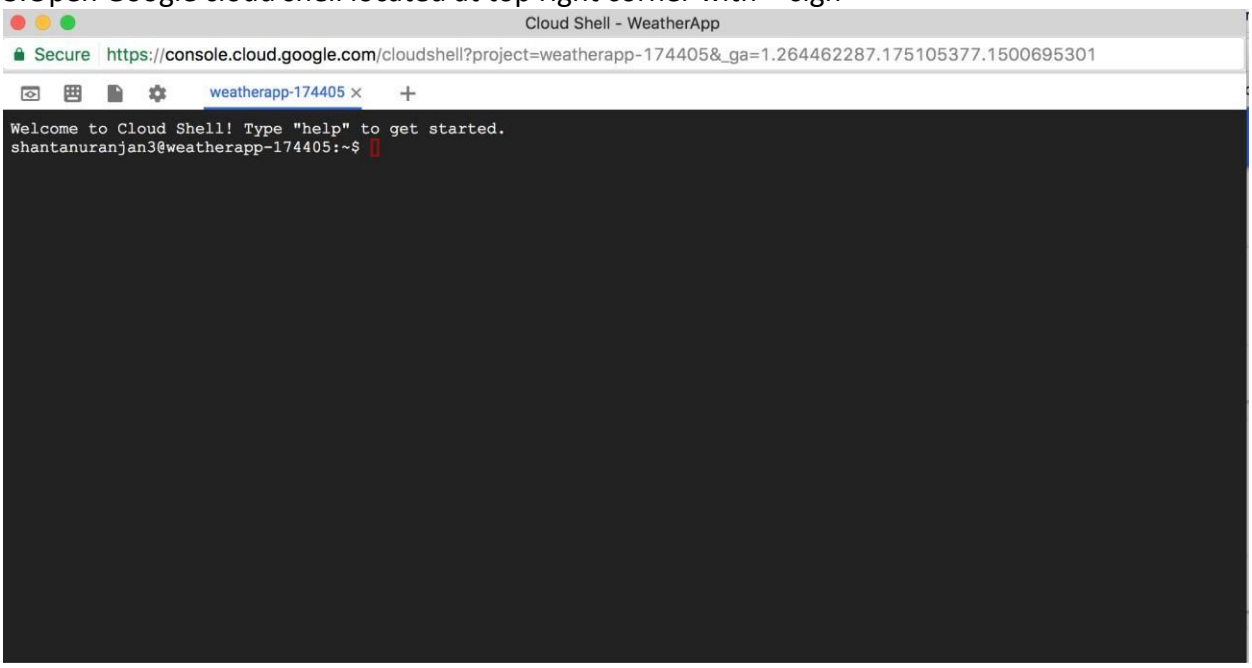
1.Before deploying code at Google Cloud Engine, first setup the environment for App Engine using the following link:

https://cloud.google.com/nodejs/getting-started/hello-world

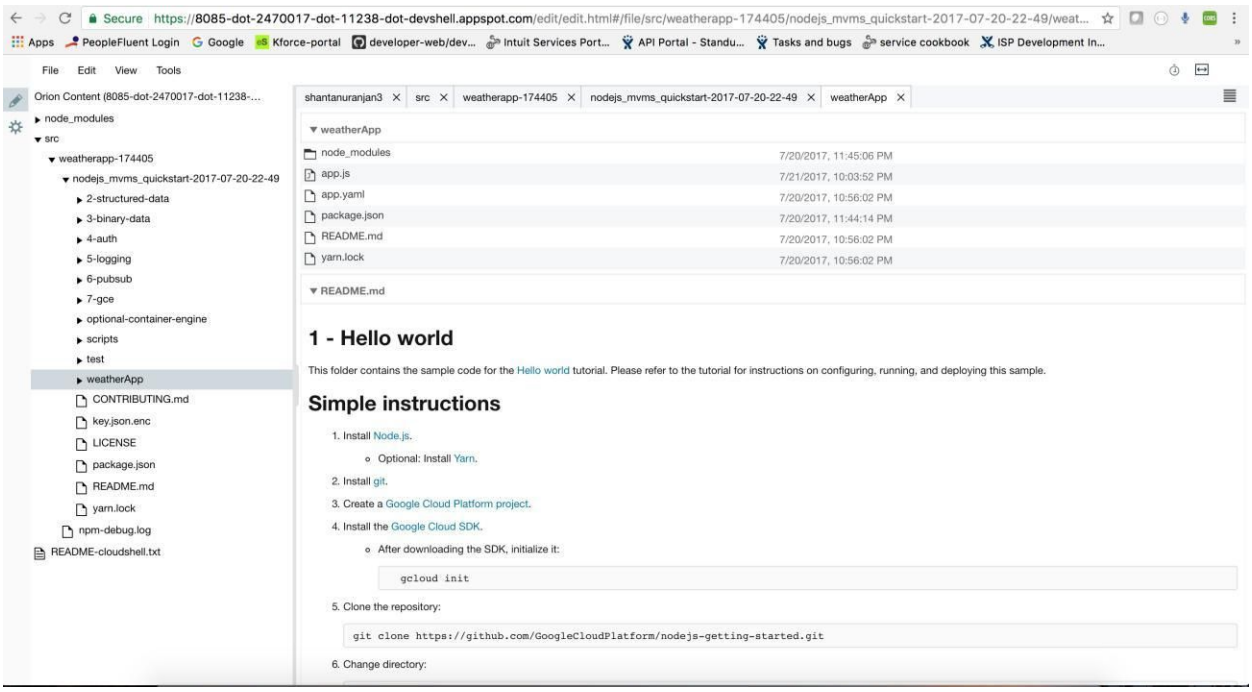
2. Open your App Engine Dashboard



3.Open Google cloud shell located at top right corner with >-sign



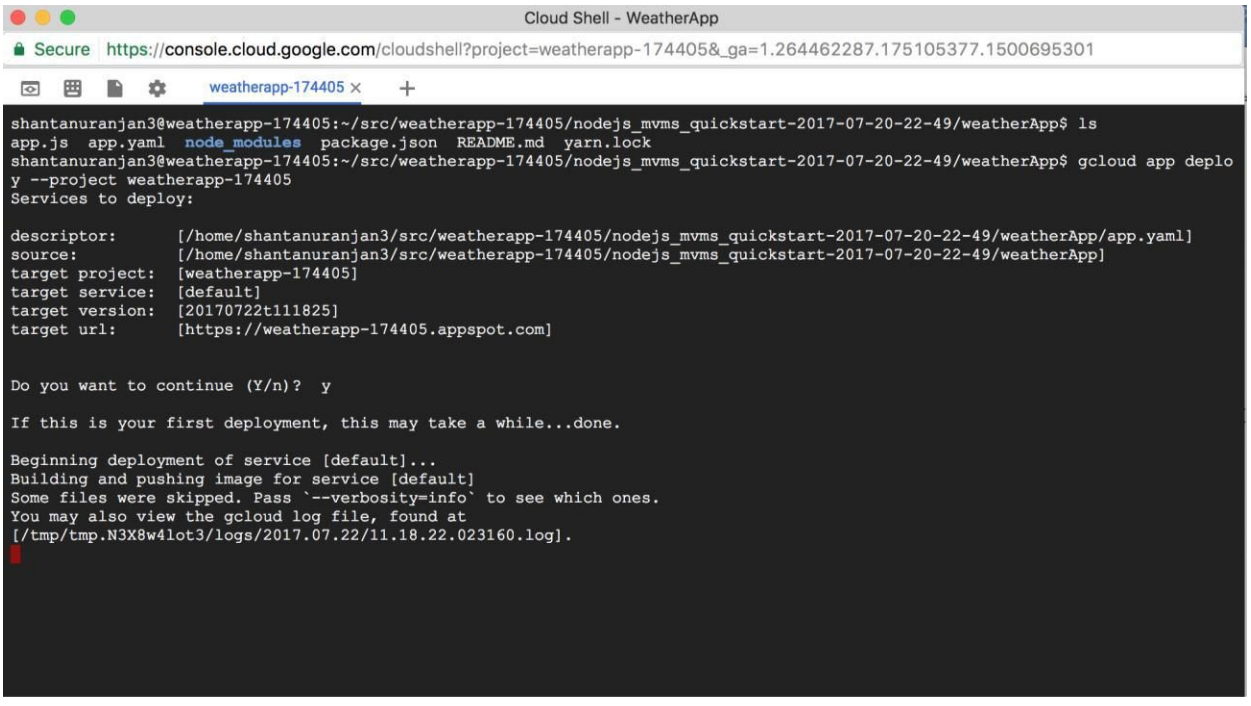
4.Click on Files -> Launch Code Editor



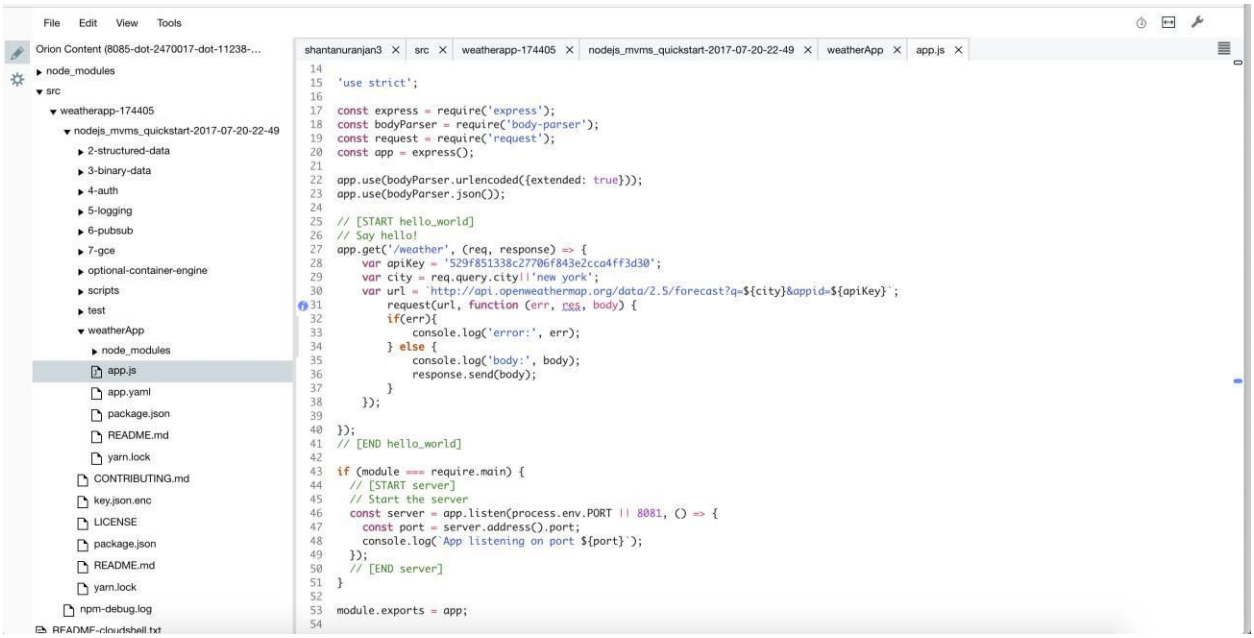
5. You can deploy your code in code editor.To deploy use the following command through cloud shell:

gcloud app deploy –project <<project-name>> eg: weatherapp-174405

gcloud app browse eg: https://weatherapp-174405.appspot.com/weather



6. Server Making Third party api call to fetch weather related information



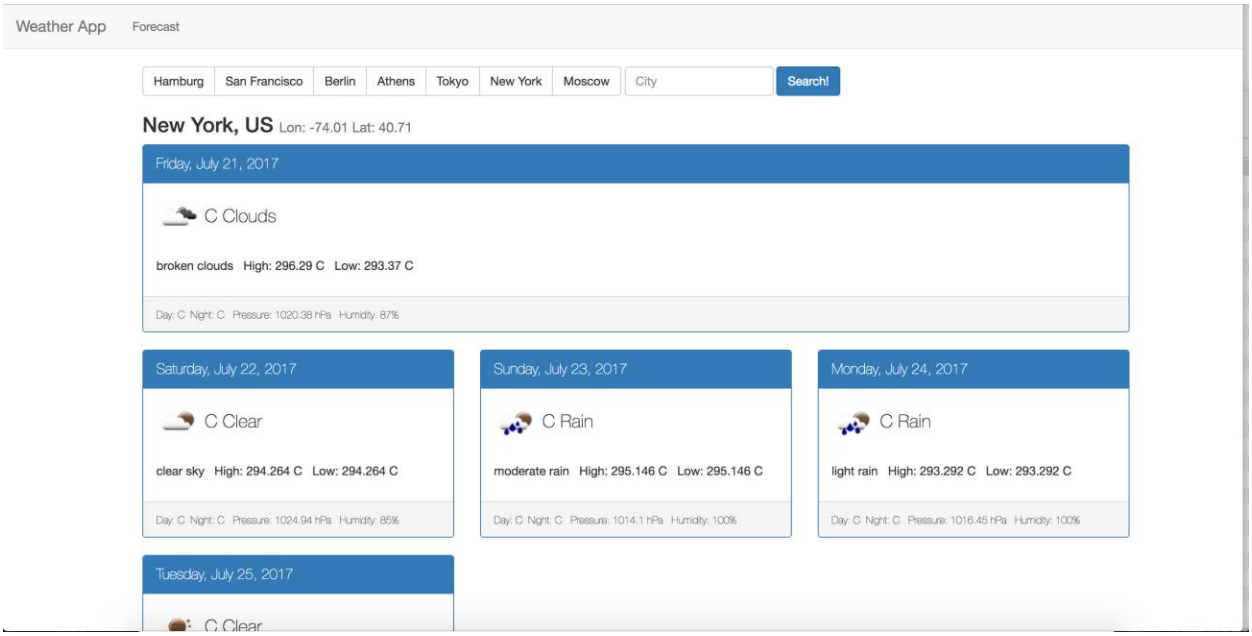
Here use the value of appKey generated from third party api **openweathermap.org**

Client CodeBase:

1.Copy the folder and extract it on your local machine:

2. Go to application path
and run npm install

3. use “gulp connect” to launch it on browser


Weather App
Forecast
Hamburg
San Francisco
Berlin
Athens
Tokyo
New York
Moscow
City
Search!
New York, US Lon: -74.01 Lat: 40.71
Friday, July 21, 2017
C Clouds
broken clouds High: 296.29 C Low: 293.37 C
Day: C Night: C Pressure: 1020.38 hPa Humidity: 87%
Saturday, July 22, 2017
C Clear
clear sky High: 294.264 C Low: 294.264 C
Day: C Night: C Pressure: 1024.94 hPa Humidity: 85%
Sunday, July 23, 2017
C Rain
moderate rain High: 295.146 C Low: 295.146 C
Day: C Night: C Pressure: 1014.1 hPa Humidity: 100%
Monday, July 24, 2017
C Rain
light rain High: 293.292 C Low: 293.292 C
Day: C Night: C Pressure: 1016.45 hPa Humidity: 100%
Tuesday, July 25, 2017
C Clear