<http://jsfiddle.net/8qc6D/50/>

Mash up Application- lab assignment 3

1. In this application following api’s are used

Google Maps api  
Weather api

Google Charts api

Twitter api

1. The user interface displays the page which includes the button for finding the location, chart of the weather conditions,facility for finding the temperature, chart view which shows the past 7 days temperature and an option for tweeting.
2. Initially the current location is been found using the google maps by opting the button current location. It then displays the current location panel.
3. Next the temperature of the current city Kansas is found by using an api which allows us to find the temperature of the city.
4. Next options depicts the chart view of the past 7 days temperatures that had prevailed.
5. Last is an option that allows us to tweet on the twitter using the user name and the password of the user.

References

Screenr

W3schools

Api for the weather wonderground

Google charts

2. Installing IIS server on the IBM cloud instance, deploying the service and accessing them from the client.

Following are the steps :

Initial step is to create restful webservice using the visual studio. Name the wcf service as WcfService1

Next is to write the corresponding functions into the Service1.cs and Service.csv.cs. Getdata2 is a new function that is added into the Service1.csv.cs.

Now add the line Factory=”System.ServiceModel.Activation.WebServiceHostFactory.” into the Service1.svc by right clicking on the file and opting for the view markup.

Run the service in the browser it displays ENDPOINT NOT FOUND.

Now using the remote desktop connection and using the cloud instance name (login to the IBM Cloud).

Enter the instance username and password.

Open Server manager, add roles install IIS server click on next. Change the code in the application host file. Install the .net framework.

On the server install the visual studio.

Now open IIS server and parse to the service and then change it a web application. Change the pool to ASP.NET v4.0.

Now view the output on the browser , append the url with “data/10” save the file.

Copy the URL and paste it on to the local machine we can see the out displaying as {“Id”:10,”Name”: Student10}.