MIRACLE
SOFTWARE SYSTEMS

Mongodb LoopBack Connector

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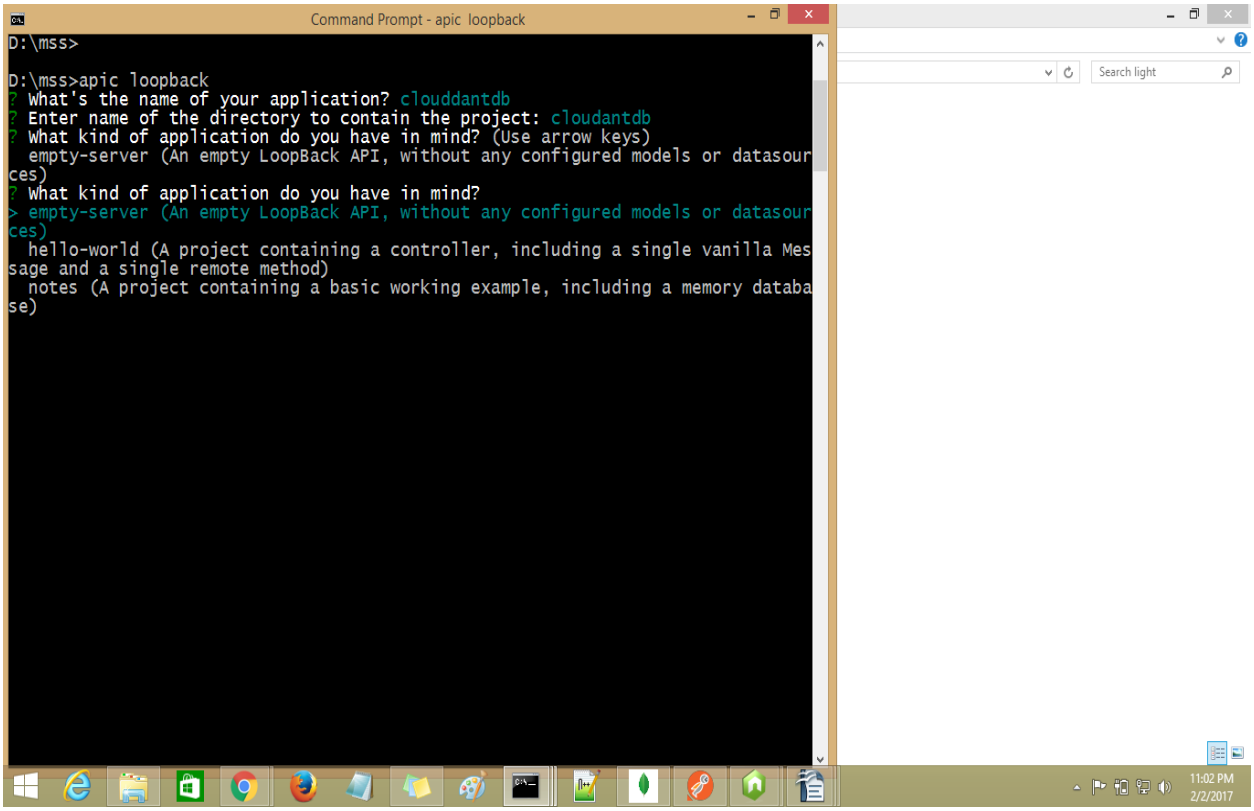
Creating the Mongodb LoopBack Connector

Creatng the LoopBack Application

To create the LoopBack Application we need work on CommandLine Interface.In that we can give the command

Eg: apic loopback

Then the command prompt can be shown as

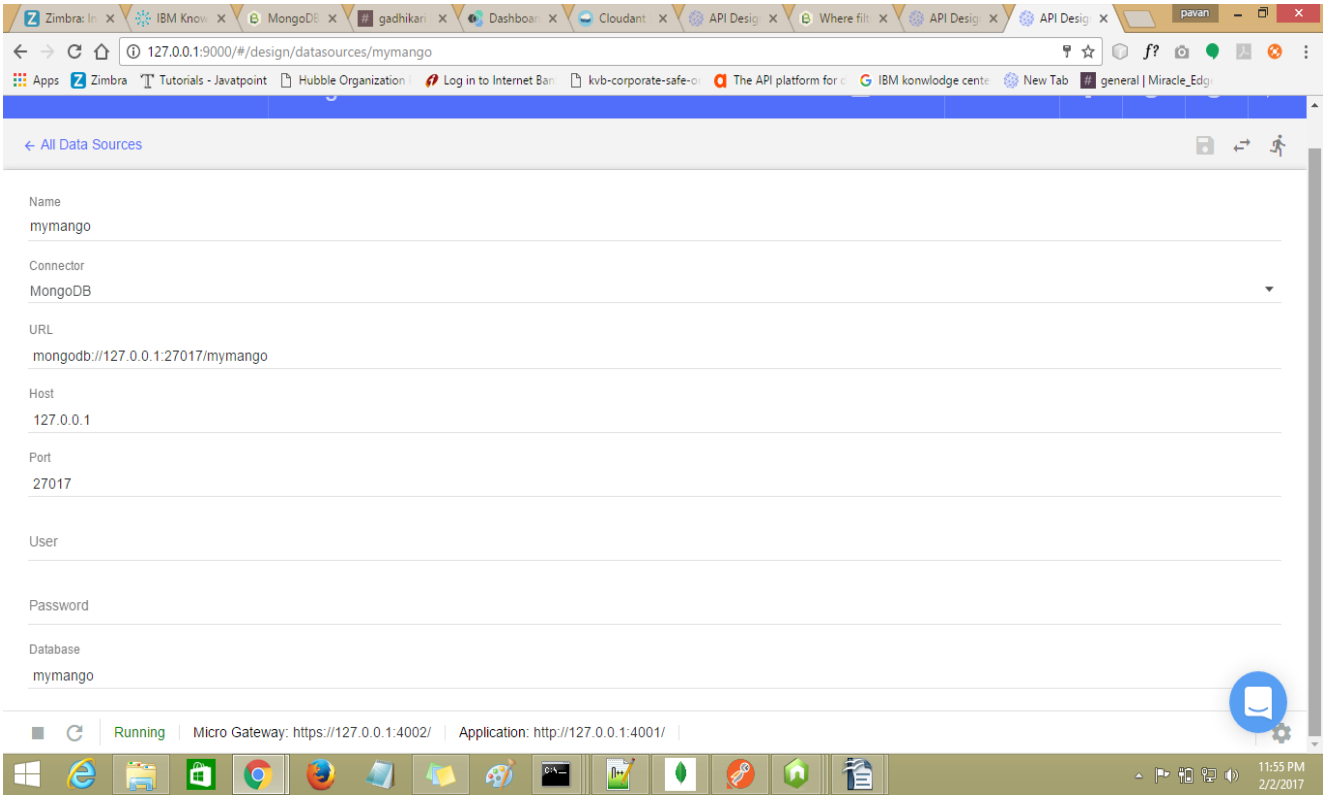


In the Command Prompt select the Empty server and then press **ENTER**.

After creation of loopback project then chenge the directory current directory and then create **DataSource** and **Model** in the Api designer.

Creating the DATASOURCE

In the Api Designer click on DataSources and then press on **+ADD** button.



Then give the Appropriate name for the given fields like

Name :-Describes name of the datasource.

Connector:-Describes the list of loopback connectors.

URL:-Describes the URL is In the form of

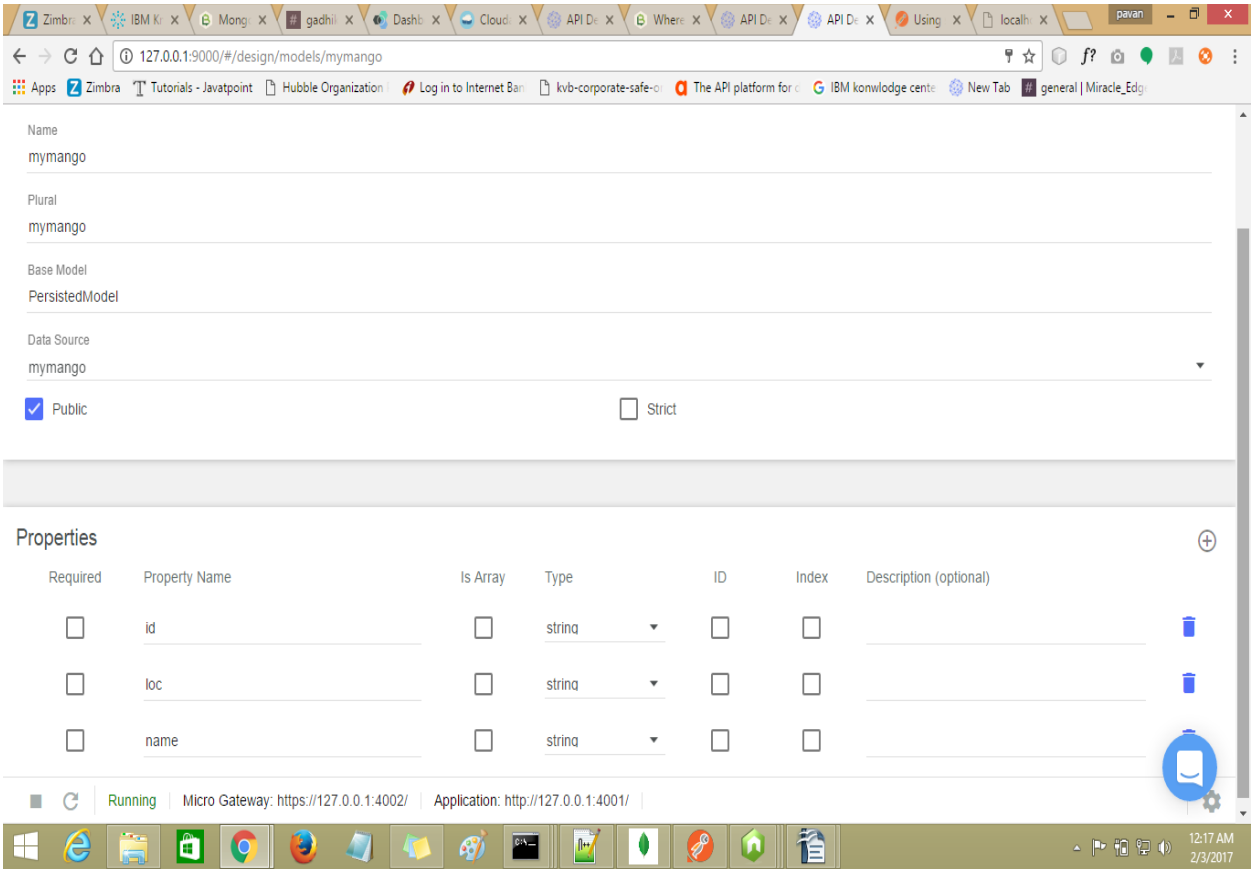
mongodb://username:password@host:port/database

DataBase:-Describes the name of the database.

*Creating the **MODEL***

For creating the model select **MODELS** and then click on **+ADD**.

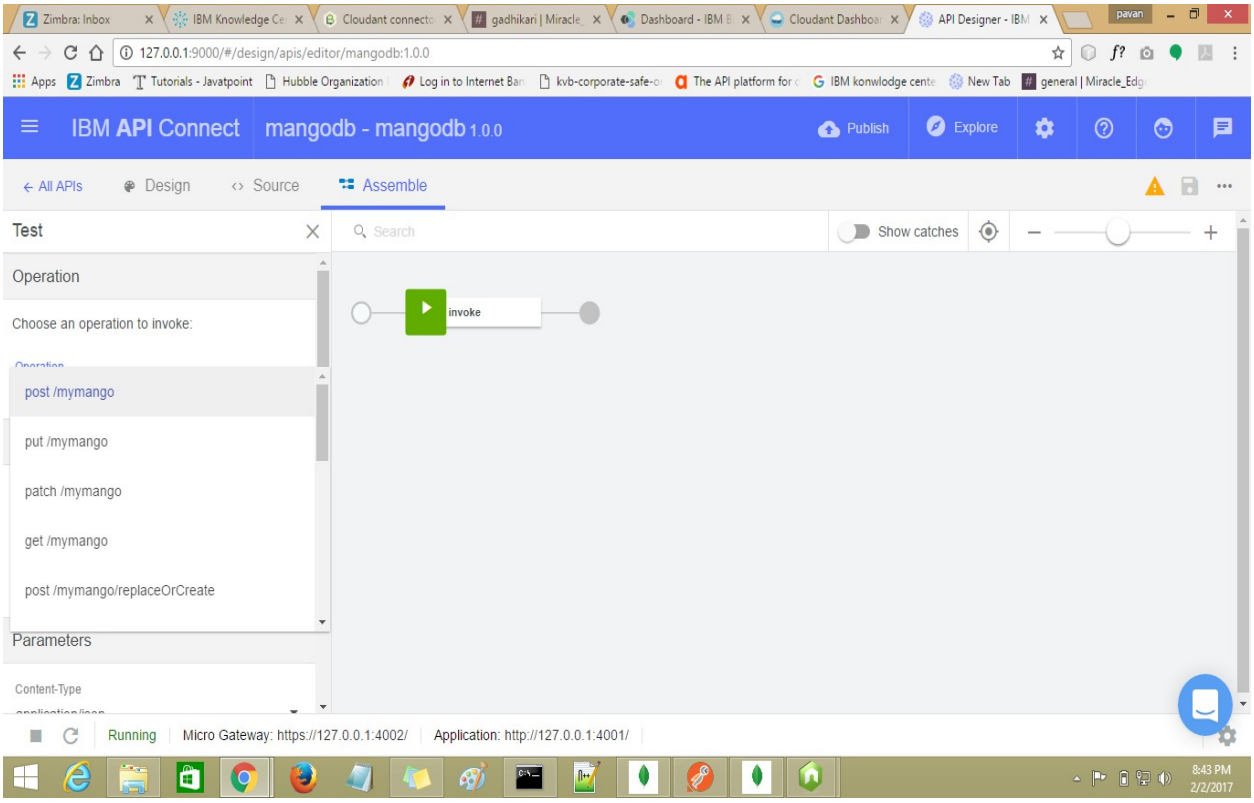
In the UI we need to Add the some properties for that click on + sign,then for each data we need to select the respetive datatype.



After creating the DataSource and model we need to perform the GET,POST,UPDATE,DELETE operation.

POST *Operation on MongoDB DataBase*

For the Post operation we need to selectthe Invoke operation from the drop down menu.

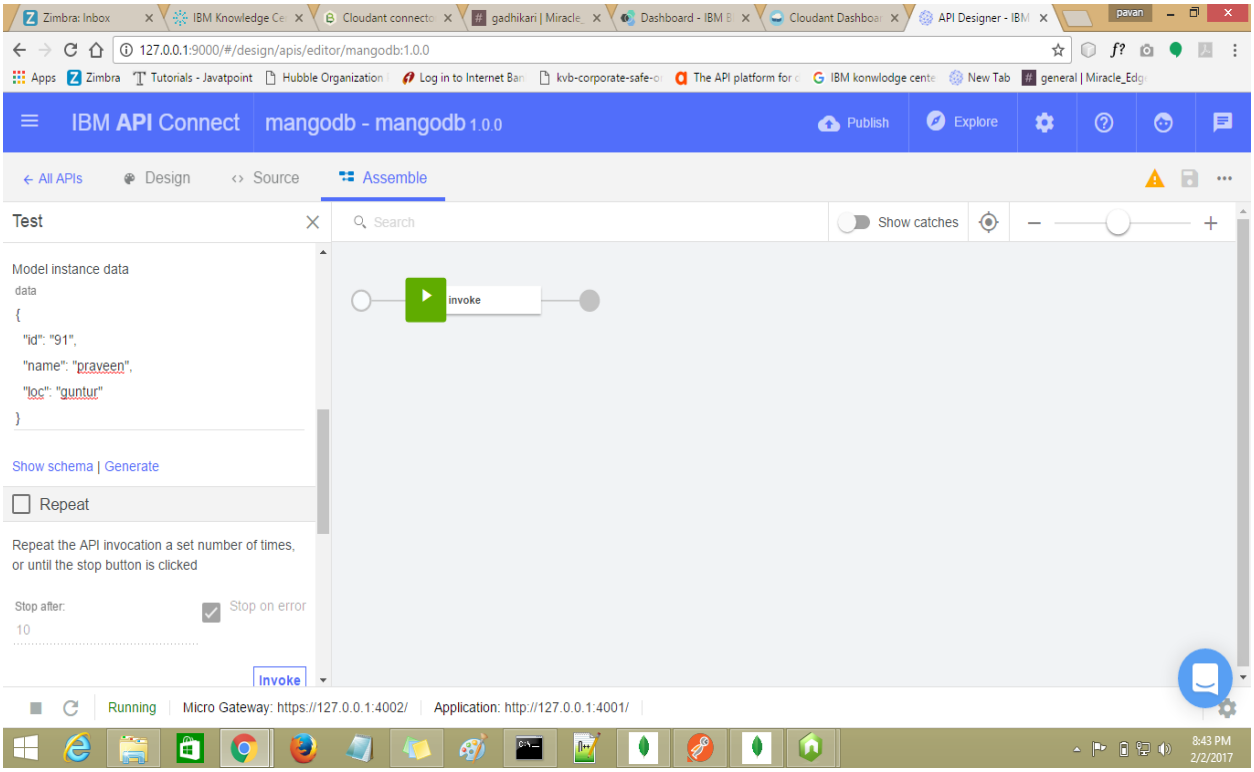


Then it will show two options for us.

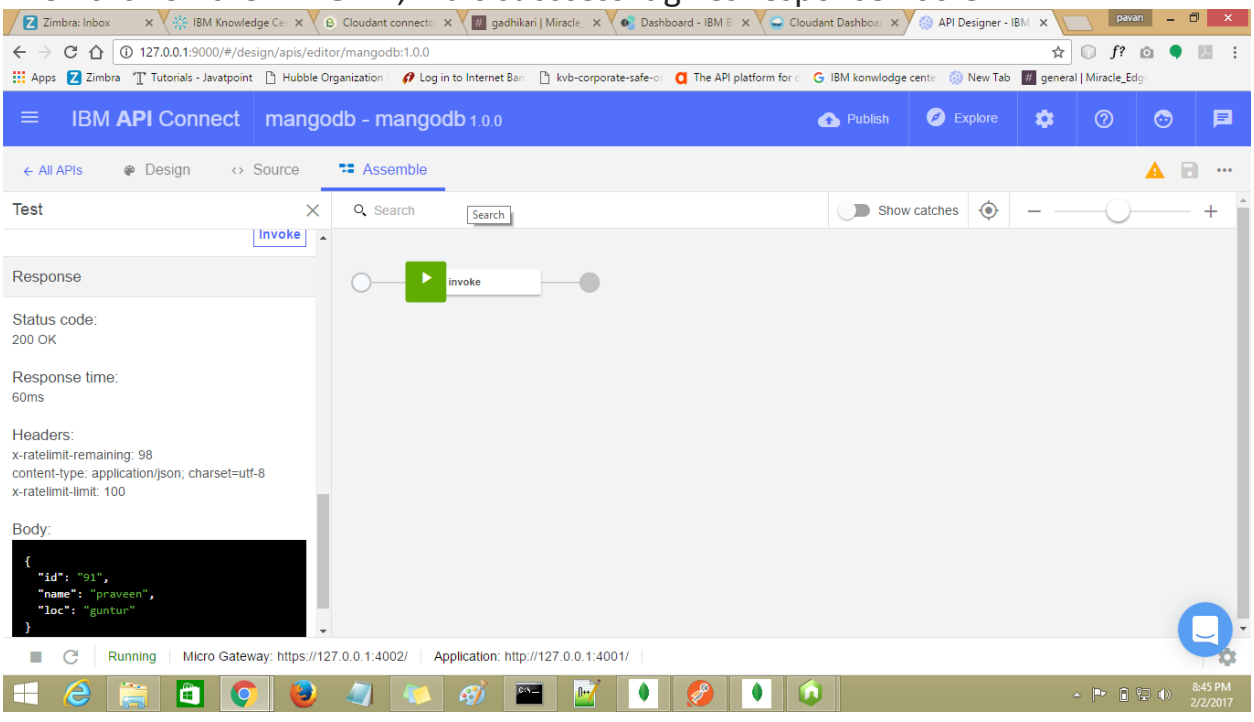
1.Show Schema
2.Generate

when we click on the **Show Schema** then it will shows the schema that we are created.

When we are click on the Generate then it will gives the DEFAULT values according to our Schema.

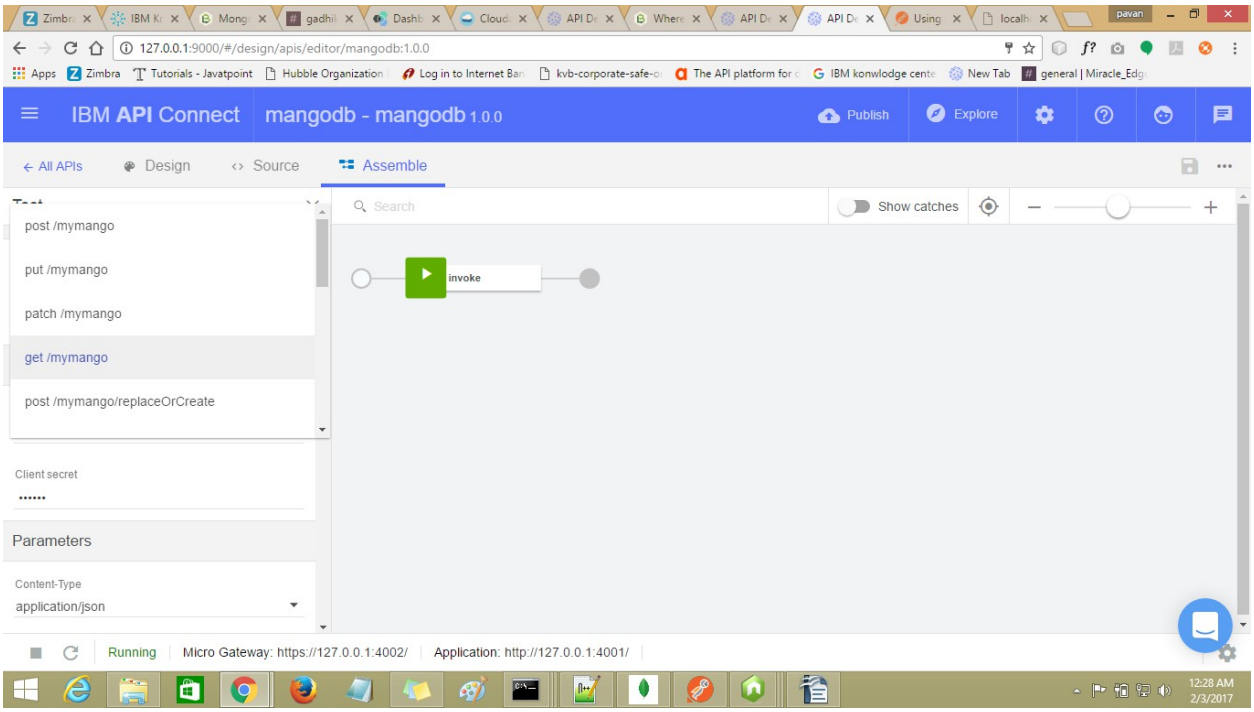


Then click on the **INVOKE** ,if it is succcess it gives response 200 OK

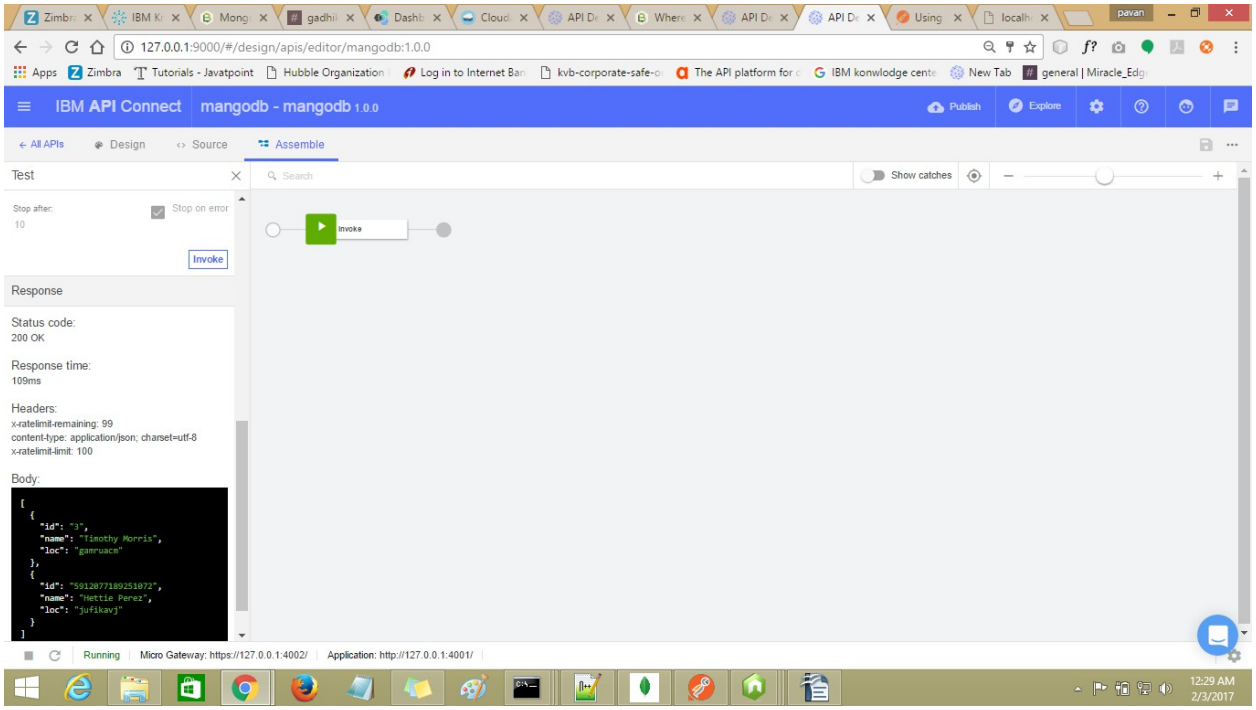


GET Operation on MongoDB DataBase:

For the Get operation we need to select the invoke operation from the dropdown menu.



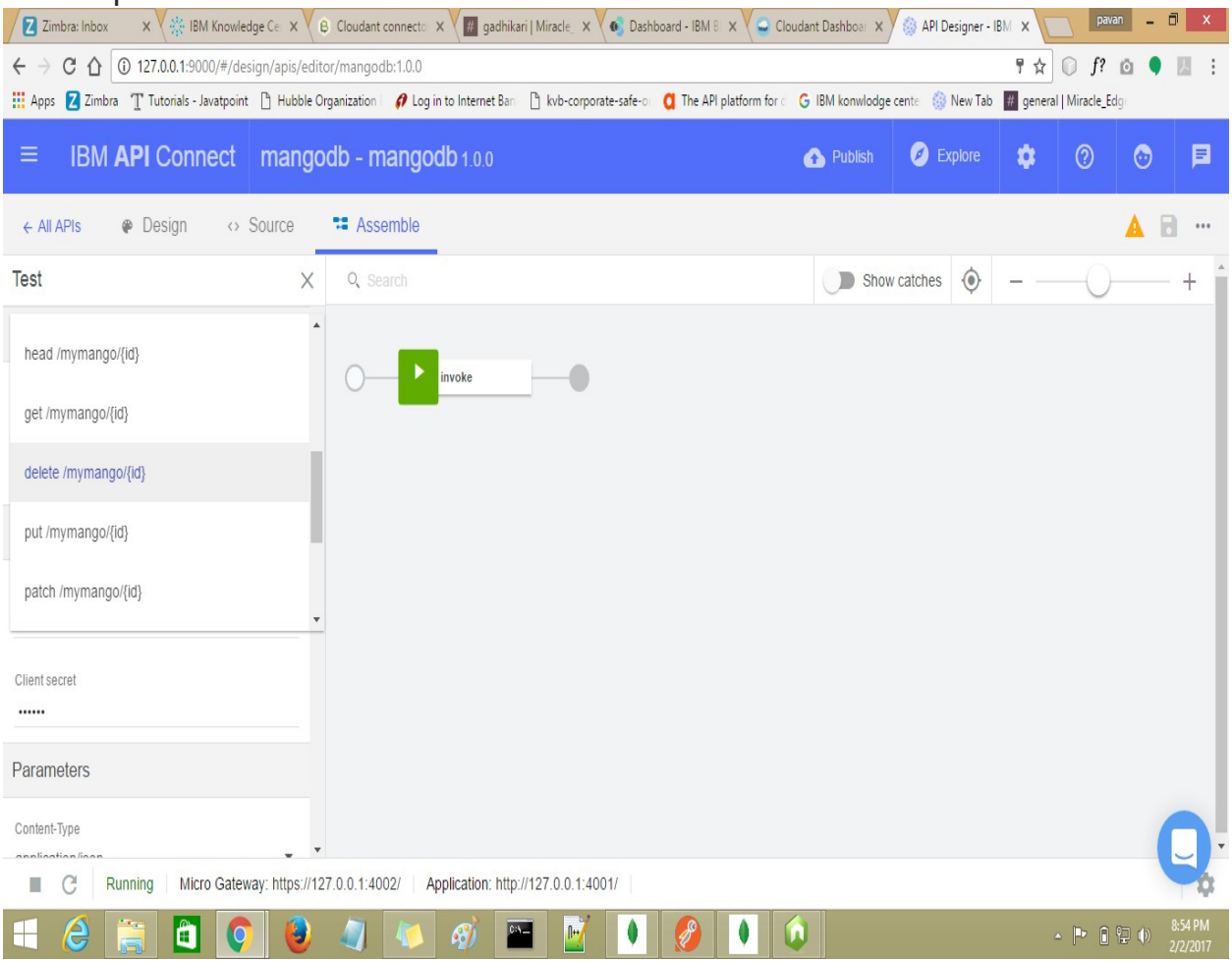
And then click on invoke tab.



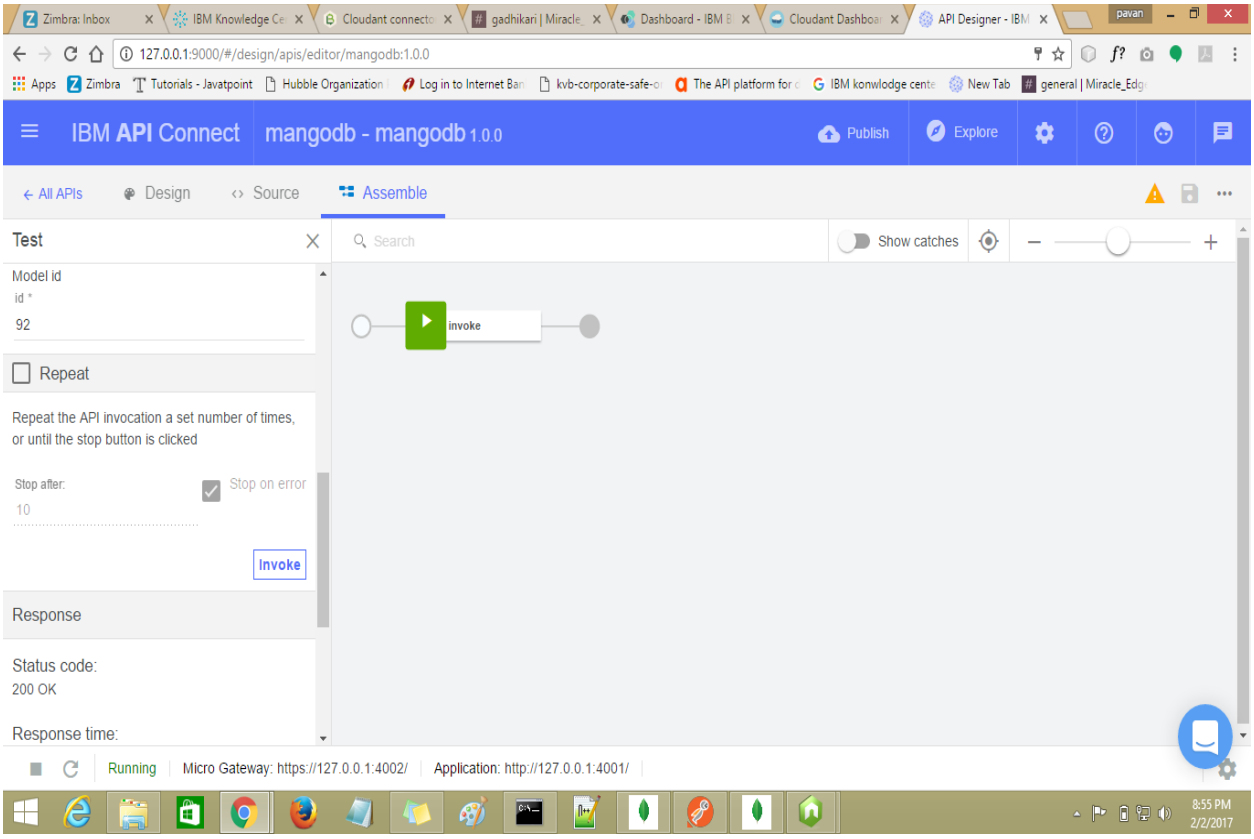
Then the data present in the database can be displayed.

DELETE *Operation on MongoDB DataBase:*

To perform the delete operation we need to select the resective operation from the dropdown list.

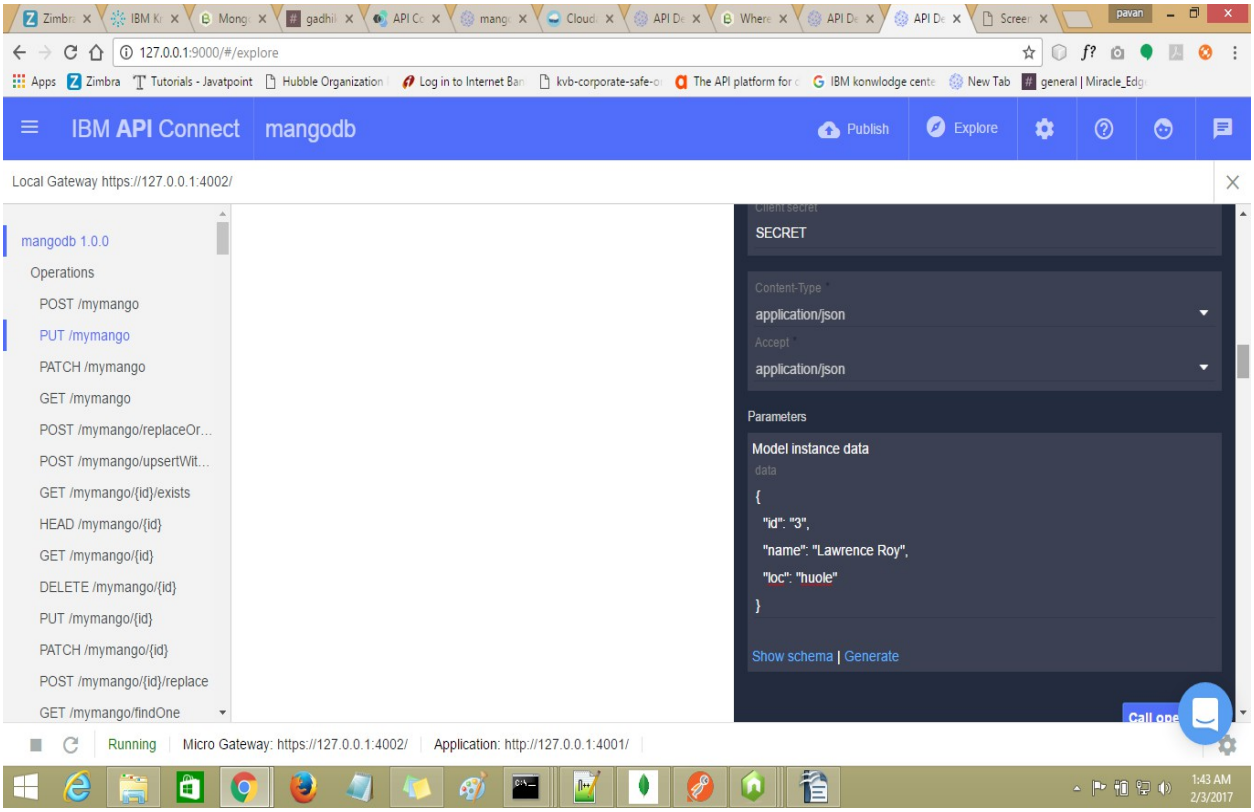


We can perform the **Delete** operation based on the MODEL ID.Then we need to give the model ID.Then click on INVOKE Method ,if it is succesed it gives response 200,OK.



__UPDATE__ operation on Mongodb DataBase:

To Perform the UPADTE the operation select the respective operation from the drop down menu. For the update operation we can use PUT operation Also Based on the ID.



Then click on Invoke operation,when it gives success it gives response 200 OK.