**Address Book REST API**

**Database:** CassandraSetup, Host: 127.0.0.1

Step 1) Create a Keyspace named “example”.

Command: Create KEYSPACE “example” WITH replication = {‘class’ : ‘Simple Strategy’, ’replication\_factor’ : ‘2’}

Step 2) Create a table named “addressbook”.

Command: Create table addressbook(phone bigint PRIMARY KEY, firstname text, lastname text, email text)

**External Packages Details:**

**"github.com/gorilla/mux" (Rest API Implementation Package)****"github.com/gocql/gocql" (Cassandra driver)**

Import the above two packages in GO hierarchy directory /Workspace/src/ by using the below commands.

go get **"github.com/gocql/gocql"**

go get **"github.com/gorilla/mux"**

**My Project Code:**

Get my project implementation packages from github and place them in GO Hierarchy directory /Workspace/src/

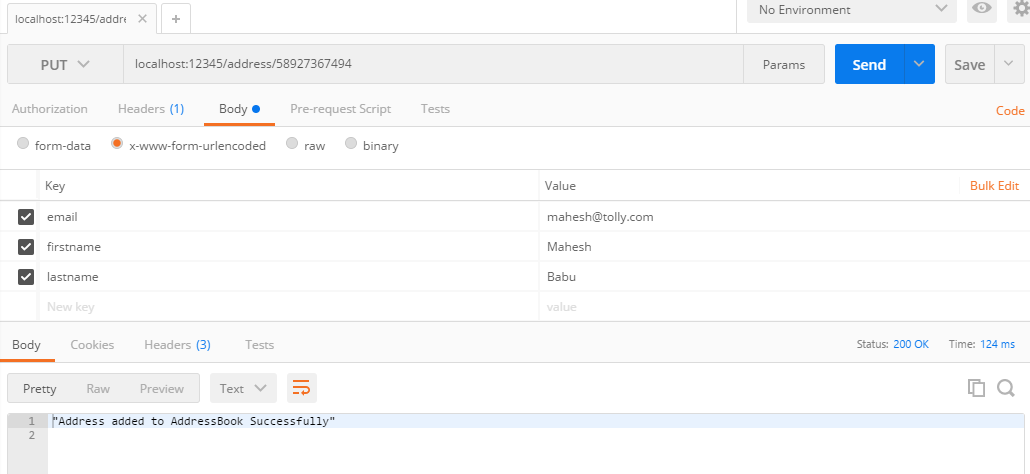
**Code Test:**

Use Postman chrome extension to test the API.

**CreateAddress:**

**URL**: localhost:12345/address/{phone}

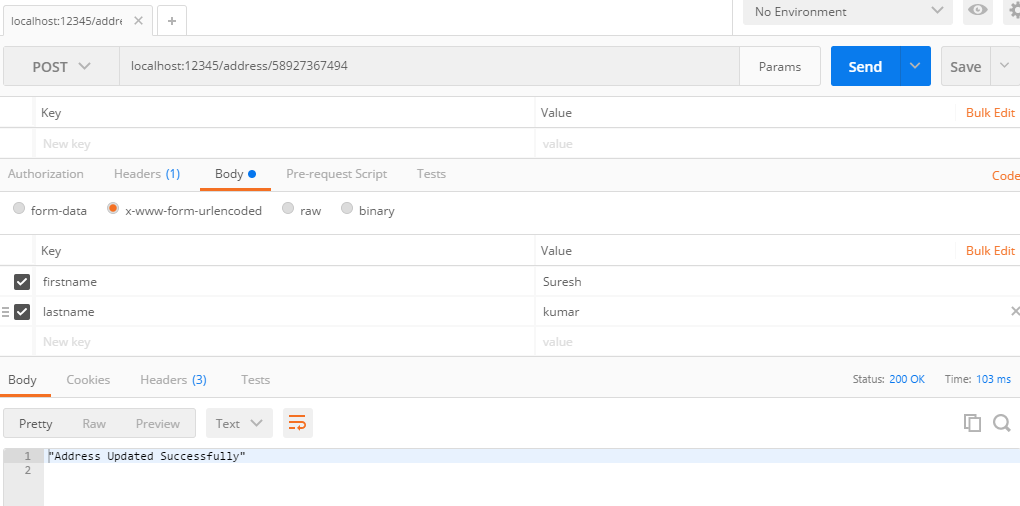
**Http Action Method**: PUT



**Update Address:**

**URl:** localhost:12345/address/{phone}

**Http Action Method**: POST



**GetAddress:**

URL: localhost:12345/address/{phone}

Http Action Method: GET

**DeleteAddress:**

URL: localhost:12345/address/{phone}

Http Action Method: Delete