Usage Guide

1.create the database schema in the name of “yebelo” with username and password “root”. Can change these in properties file.

2.Open the spring boot app in any IDE and load the dependencies.

Features implemented

1.Working api: http://localhost:8080

This API sends back simple welcome message

2.Working api: <http://localhost:8080/findAll>

This api sends back all the Categories listed in the database

3.Working api: <http://localhost:8080/fetchNextNumber>

This api takes a categoryCode as a parameter and it fetches the corresponding Category class and updates the value field as the sum of individual digits become 1 and the updated value is smallest next available value.

4. The above mentioned api returns old value and new value.

Non functional Features

1.created a database table and so, even if the application is restarted we can still access the values

2.Unit testing is not implemented