Task 2 – Post Code API Response

1. Summary:

The aim of this task is to use the Rest Assured Api via Serenity BDD Framework

**Application under test:**

Postcodes API

**Scenarios:**

When I send a get request to api.postcodes.io/postcodes/SW1P4JA

Then I get a 200 response

**Feature:**

Query a postcode and receive a 200 response

2. Build and Run Information

To build and run the task, please run below command:

mvn clean verify

3. Output Reports Location

Aggregated Test reports will be output at below location:

\target\site\serenity\index.html

4. Task implementation summary

* This Task has been implemented using Serenity BDD Cucumber framework.
* It uses Rest Assured API.
* It uses Junit Library for Assertion

5. Dependencies

* Serenity Core,
* Serenity Junit,
* Serenity Cucumber,
* Self4j-simple,
* junit,
* assert-core,
* hamcrest-all
* Maven Surefire Plugin,
* Maven Fail Safe Plugin,
* Maven Compiler Plugin,
* Serenity Maven Plugin,
* Serenity Core,
* Serenity Reports
* Serenity Rest Assured

For version information of each dependency, please refer to pom.xml

6. File Structure:

+---src

| +---main

| \---test

| +---java

| | \---com

| | \---postcodeapp

| | \---cucumber

| | +---serenity

| | \---steps

| | | PostcodeRunner.java ------------------> Runner Class

| | | PostcodeStepsTest.java ------------------> Step Definition Class

| |

| \---resources

| \---feature

| postcode.feature ------------------> Feature file

|

\---target

+---site

| \---serenity

| | index.html ------------------> Output Report Summary

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+Pom.xml ------------------> Dependency config file