**Project: Sainsbury Product Scrape Demo**

Description: The purpose of the application is to read the html page and scrape the defined products from the whole page to a json object.

Tools Used: Java 8 JDK ,Maven 3.5 Junit (4.12) ,Jackson (2.9.6),Jsoup (1.11.3) and Mockito (2.6.1), Spring (),PowerMock (1.7.1) ,log4Jtool (2.6.1)

Note : Please make sure the Maven and JDK dependencies has been installed and the Environmental variable are set properly.

Instructions to build and run the application

Windows / Unix

1. Open the command window.
2. Change the directory using the "cd " to the project home directory

**Ex : cd D:\sainsbury-demo\**

1. Once in the home directory build the project using the below command

**mvn clean install**

1. Once the project is build, the jar application name . **"sainsbury-demo-1.0.0-jar-with-dependencies.jar"** should have been generated.
2. Run the application using the below command

**java -jar target/sainsbury-demo-1.0.0-jar-with-dependencies.jar**

1. The output json objects will be displayed on the console and further logging of the application can be found in the below log location :-

Log Location: **D:\sainsbury-demo\ sainsbury\_demo\_app.log**