# Browse Online

The main file is MostActiveCookie.java.

# Setup

Clone repository.

git clone <https://github.com/GoogleCloudPlatform/java-docs-samples.git>

# Run Program using Command-line Instructions

Prerequisites:

Install the latest version of Java.

You may need to set your JAVA\_HOME.

#Run the program

cd CodingTask\QuantcastGithubProject\src\com\quantcast

java -cp "commons-cli-1.5.0.jar;commons-cli-1.5.0-javadoc.jar;commons-cli-1.5.0-sources.jar;commons-cli-1.5.0-tests.jar;commons-cli-1.5.0-test-sources.jar" MostActiveCookie.java cookieData.csv -d 2018-12-09

# Additional Information

I have used apache.commons.cli library to use “-d” as parameter to enter date in command line.

The above command line adds the class path of external libraries , takes cookieData.csv as 1st argument and input date as “-d ” parameter.

Junit tests are added to MostActiveCookieTest.java

The program has been designed such that an exception will be thrown in the following cases:

* If the input CSV file path passed in the argument cannot be located at specified location
* If the input CSV file path is not added as argument in the command line.
* If input date is not passed as “-d” parameter.
* If the input date entered is not in the correct format i.e. yyyy-MM-dd .

# Eclipse Instructions

Prerequisites:

Install Eclipse, and optionally the GitHub plugin.

Set up Eclipse Preferences

Window > Preferences... (or on Mac, Eclipse > Preferences...)

Select Maven

check on "Download Artifact Sources"

check on "Download Artifact JavaDoc"

Create a new project using storage/xml-api/cmdline-sample

Create a new Java Project.

Choose the Location of the project to be the location of cmdline-sample

Select the project and Convert to Maven Project to add Maven Dependencies.

Click on Run > Run configurations

Navigate to your Java Application's configuration section

In the Arguments tab, add the name of the bucket you created above as a Program argument

In the Environment tab, create a variable GOOGLE\_APPLICATION\_CREDENTIALS and set it to the path to your json private key file.

Run

Right-click on project

Run As > Java Application

If asked, type "StorageSample" and click OK