

# Google Calculator Automation Framework Setup

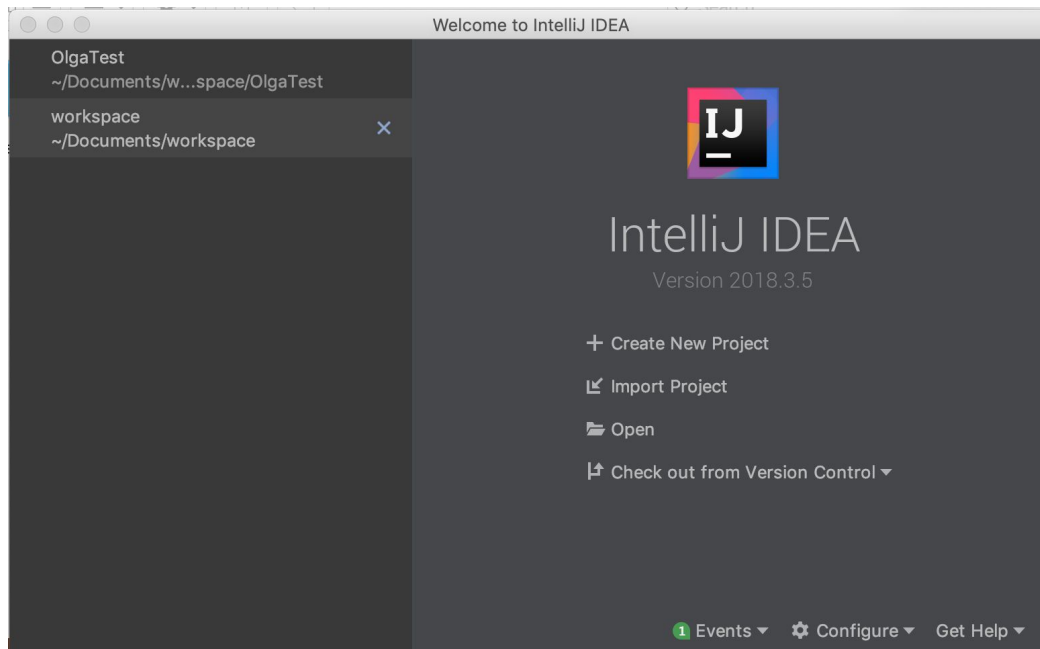
1. Install latest Java
2. Install Google Chrome Browser (recommended version 75 or 76)
3. Download and Install IntelliJ IDEA for Mac (latest community edition):

<https://www.jetbrains.com/idea/download/#section=mac>

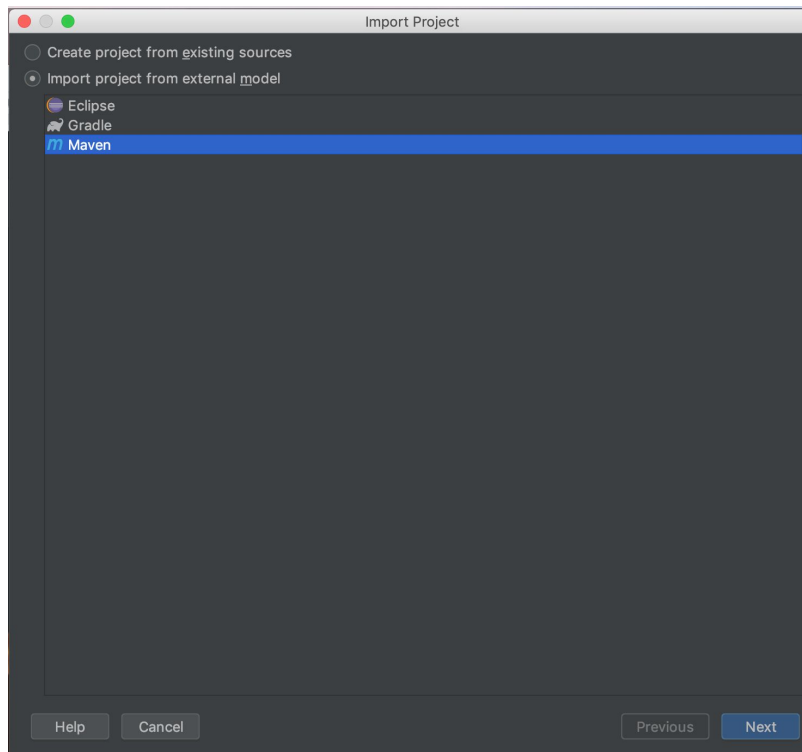


3. Download and unzip framework folder: **GoogleCalculatorAutodesk.zip**

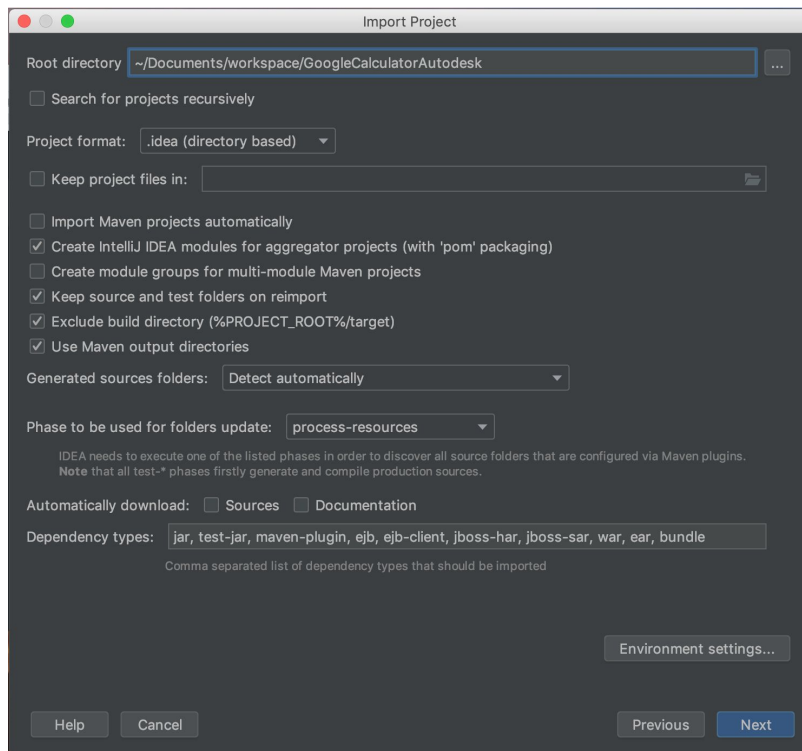
4. Open IntelliJ IDEA and follow “**Import Project**” instruction:  
Import Project:



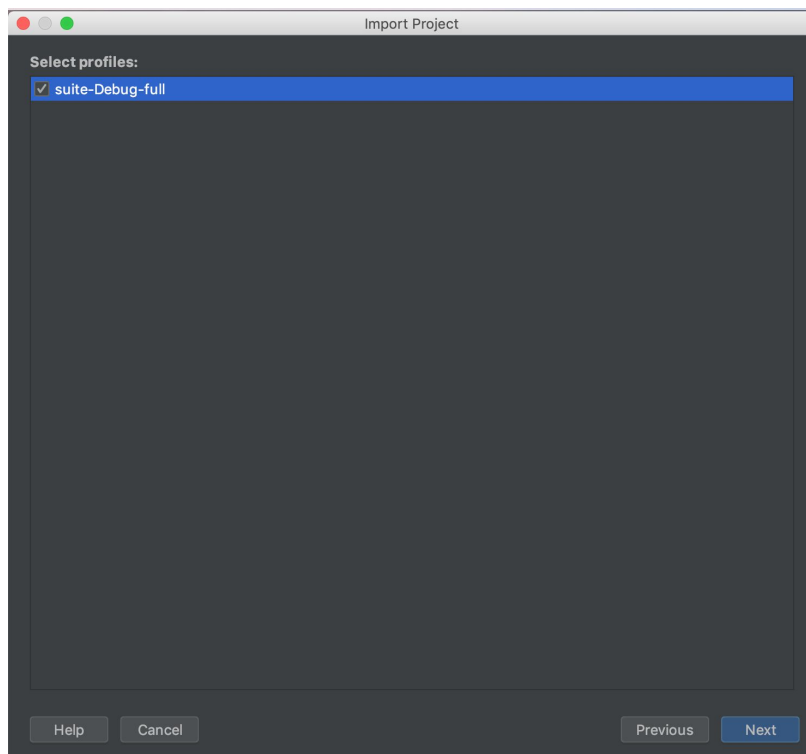
Import project from the external model (**select Maven**) and click “Next”



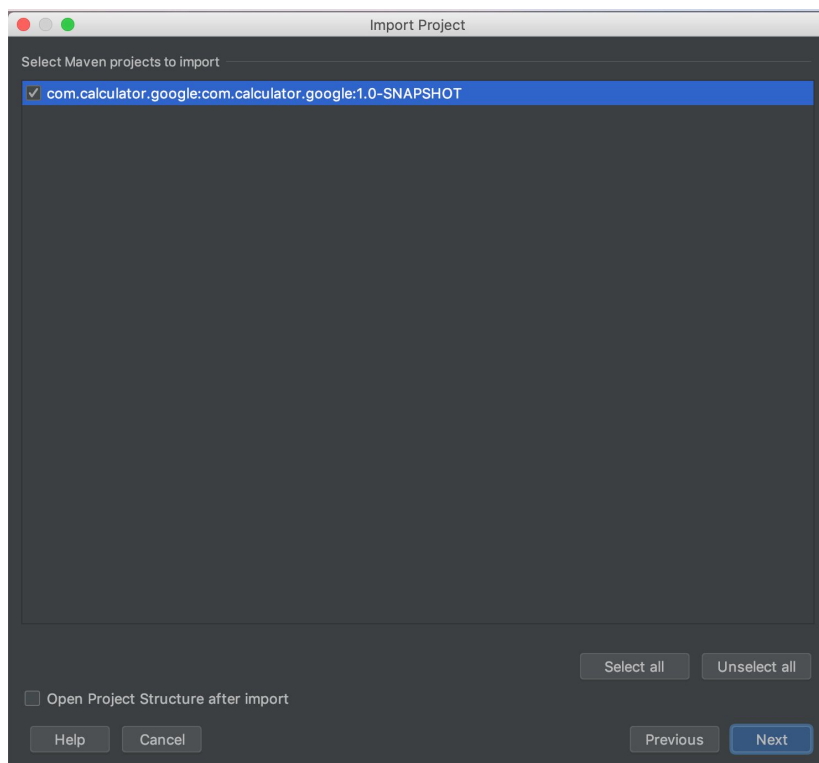
Select root directory and click “Next”



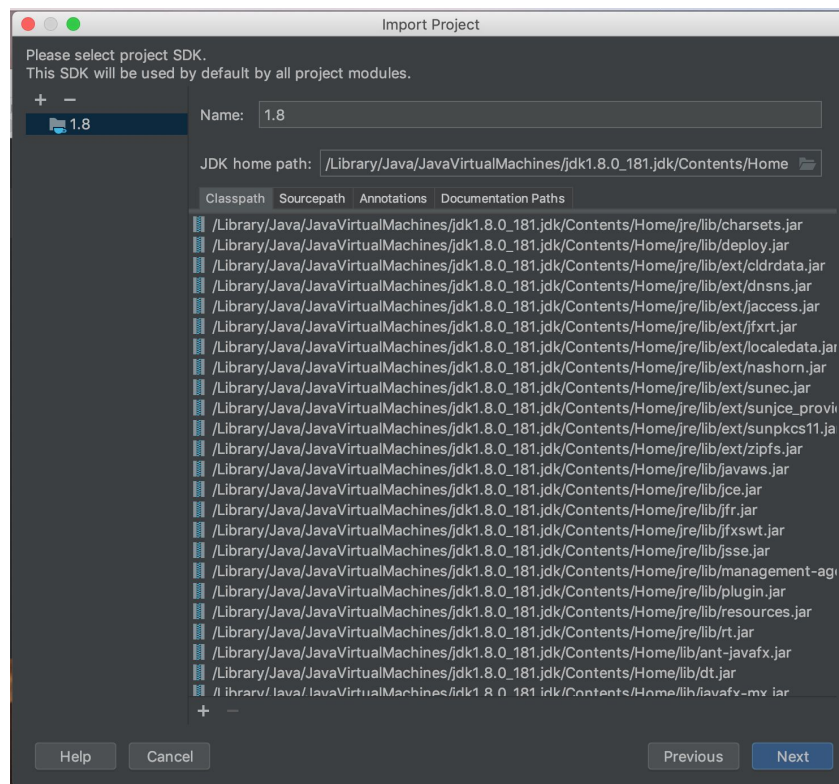
Select profiles: suite-Debug-full and click “Next”



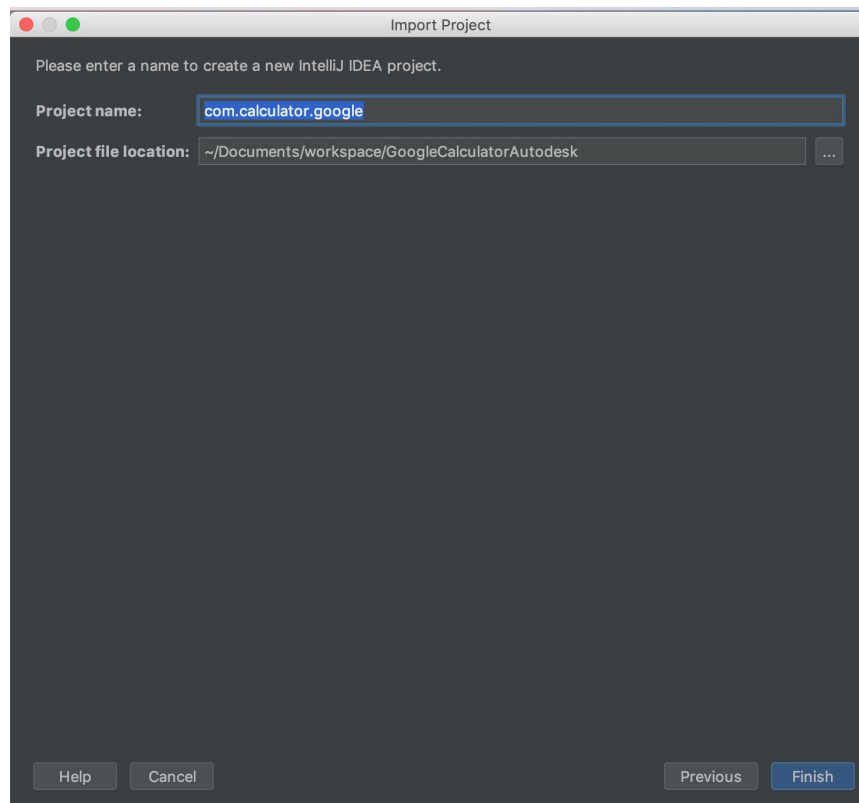
Select Maven project to import and click “Next”



## Select project SDK: 1.8

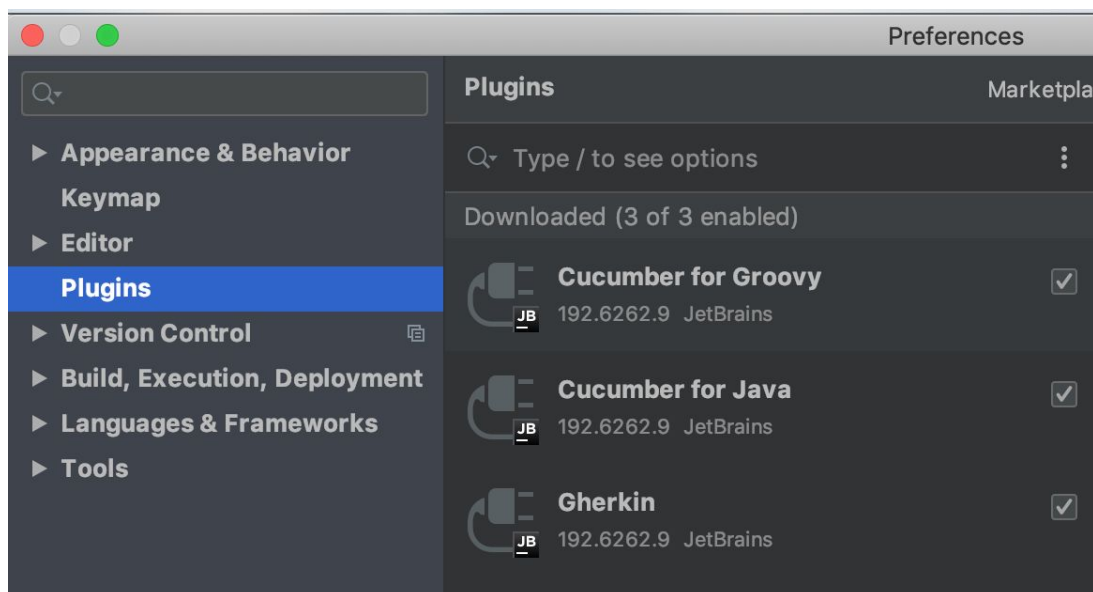


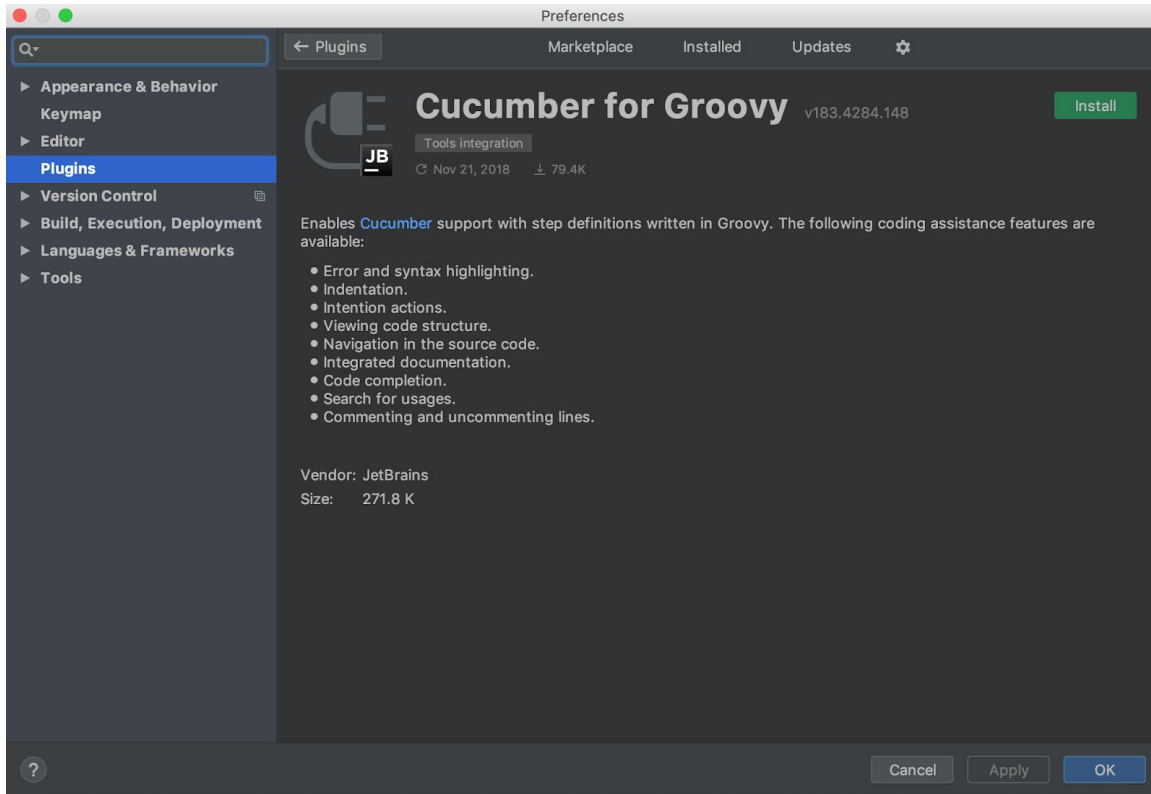
## Leave as default and click Finish



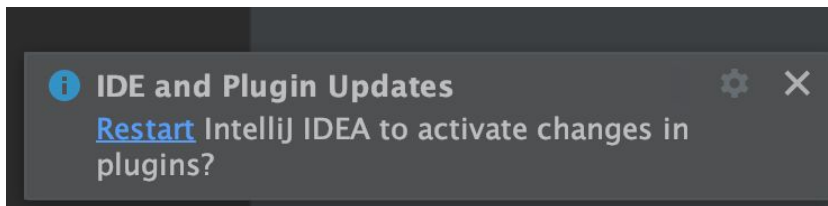
The screenshot displays the IntelliJ IDEA IDE interface. On the left, the 'Project' tool window shows the project structure for 'GoogleCalculatorAutodesk'. The 'src' directory contains 'main' and 'test' subdirectories. The 'main' directory has 'pages' (BasePage, CalcPageObject), 'steps' (BaseSteps, CalcPageStep), and 'utils' (StartWebDriver). The 'test' directory has 'java' (DebugAllCukesRunnerTest) and 'resources' (testsuites). The 'testsuites' directory contains 'debug\_full\_testsuite.xml' and 'OperatorDivide.feature'. The 'OperatorDivide.feature' file is selected, and its content is displayed in the main editor. The feature file describes a 'Divide Operator' feature with three scenarios: 'Happy Path Testing Strategy', 'Test divide of 3 positive digits with 1, 2, and 3 numbers', and 'Test divide of 2 negative digits'. The bottom status bar indicates 'IDE and Plugin Updates: IntelliJ IDEA is ready to update. (2 minutes ago)'.

- Cucumber for Groovy
- Cucumber for Java
- Gherkin

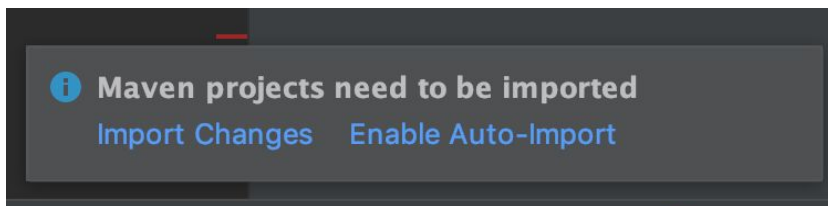




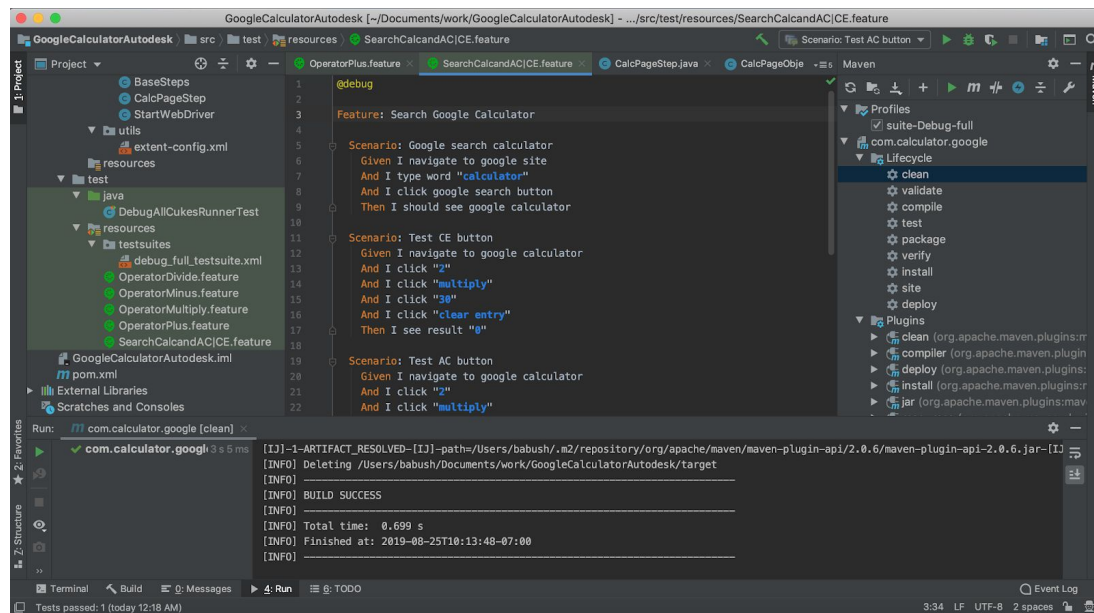
Restart IntelliJ IDEA



Enable Auto-Import for Maven Project

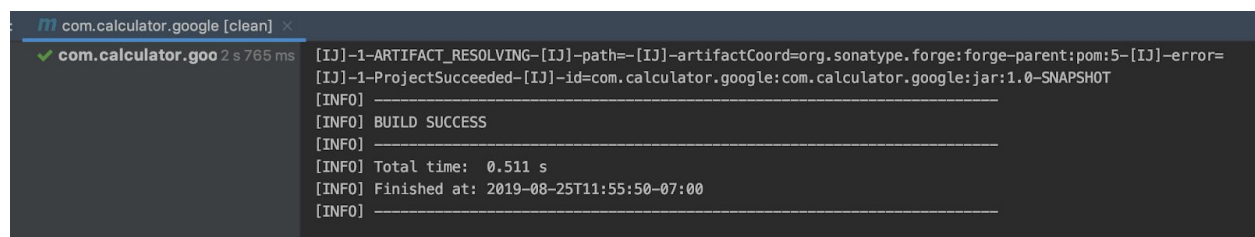
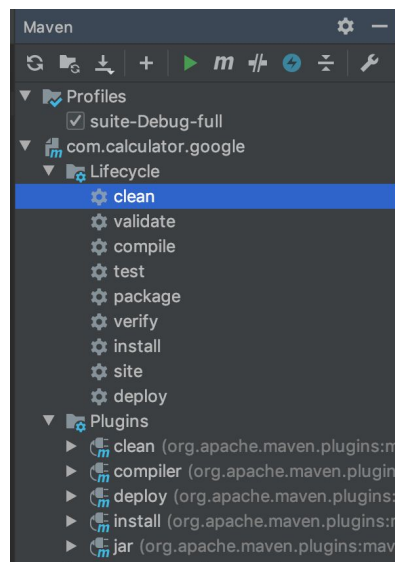


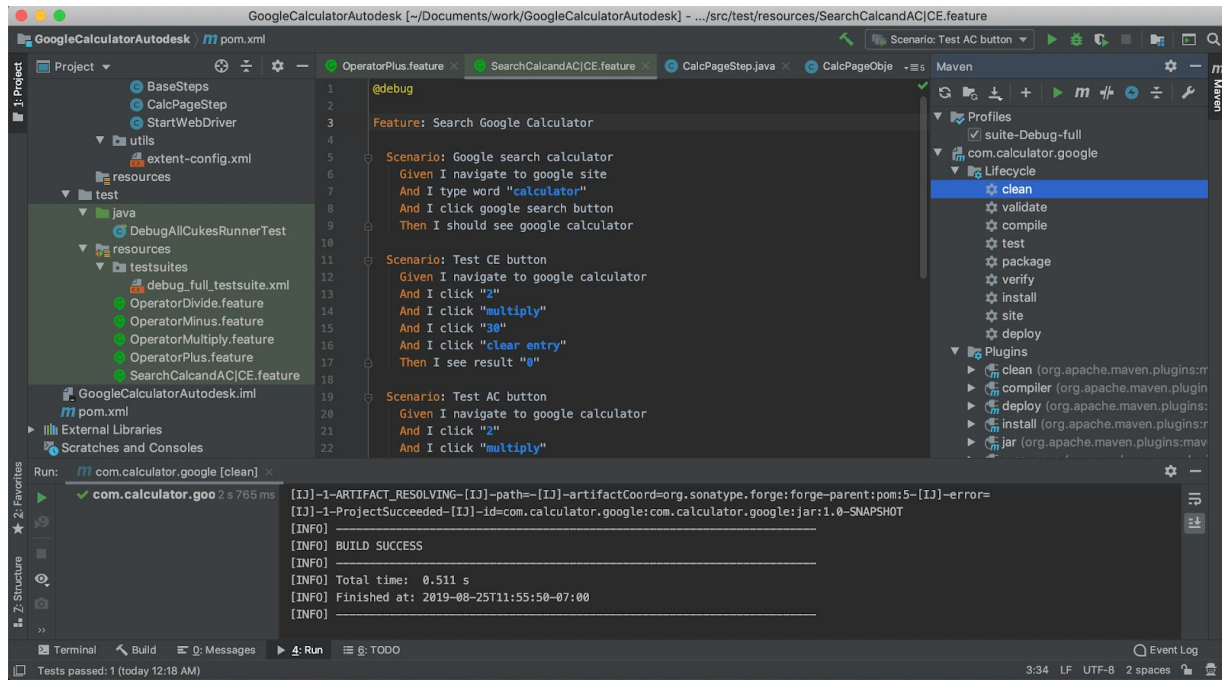
Congrats you have setup successfully project !!!



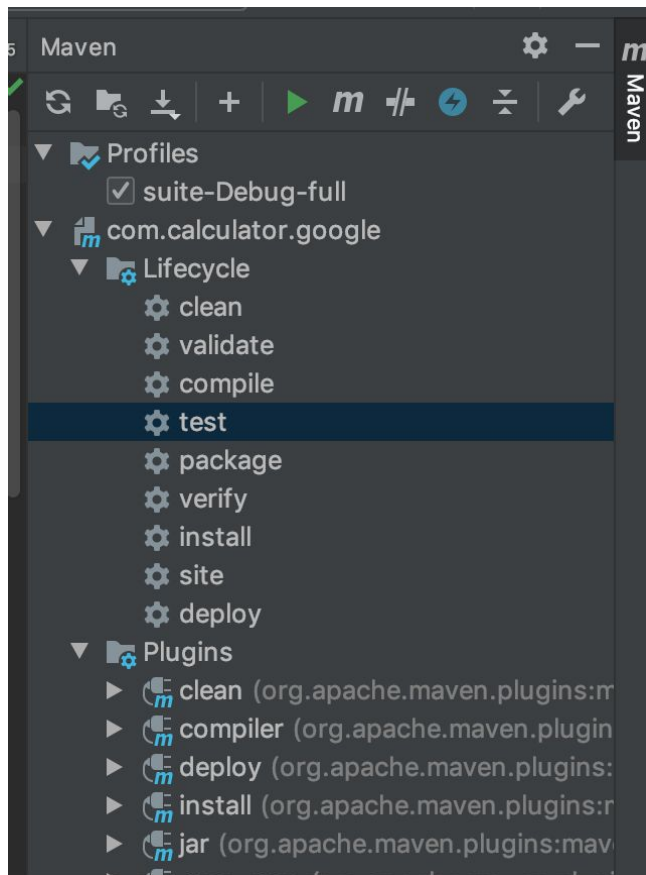
5. Run the framework and check the HTML report

Double click “**clean**” framework (make sure under Profiles suite-Debug-full it's selected) and check it “**build success**”



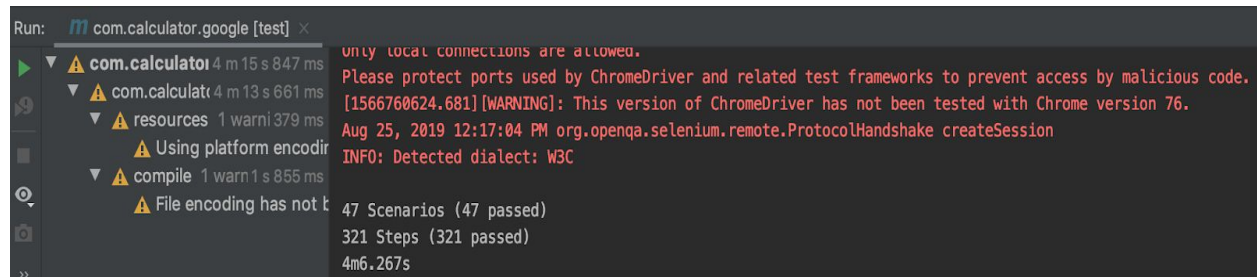
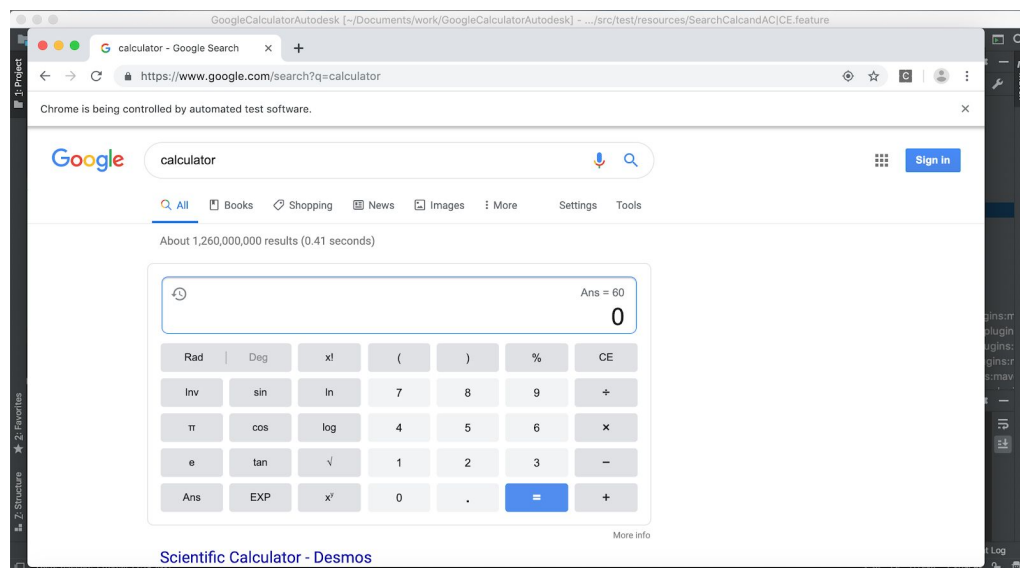
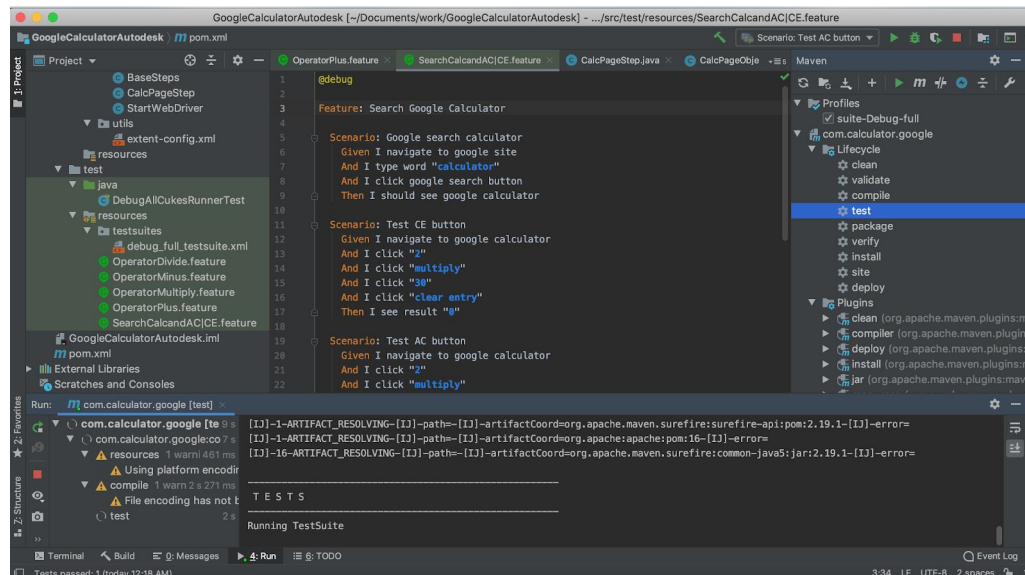


Run framework: double click test (framework should start run test suite)

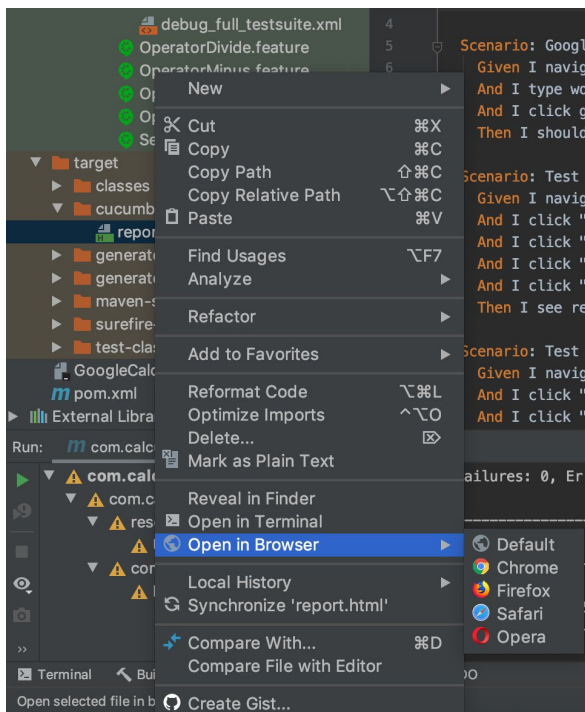
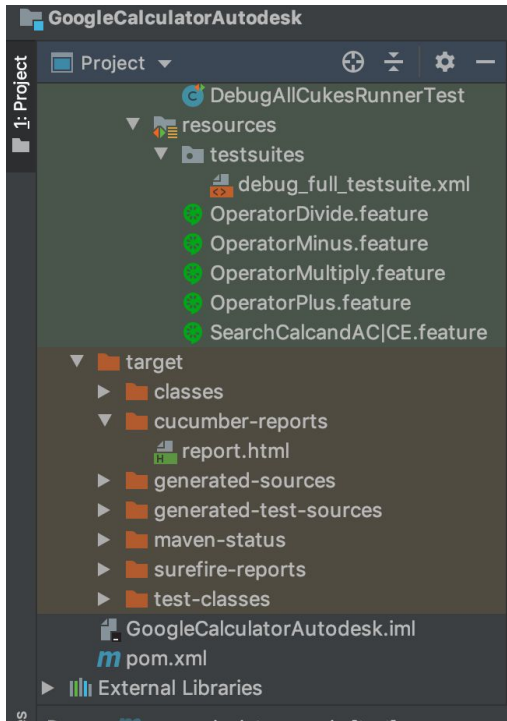




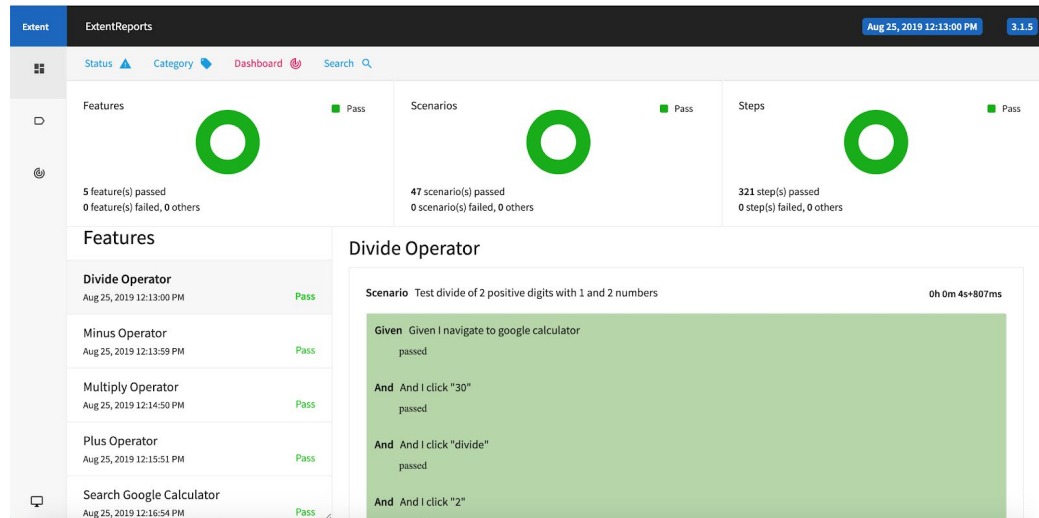
Get a cup of tea ;) and enjoy the running process:



After a test run, you can open Html report (target -> cucumber-reports -> report.html)  
with Chrome Browser



You should get following Html report (please let me know if you have any questions  
nick.cornovan@gmail.com)

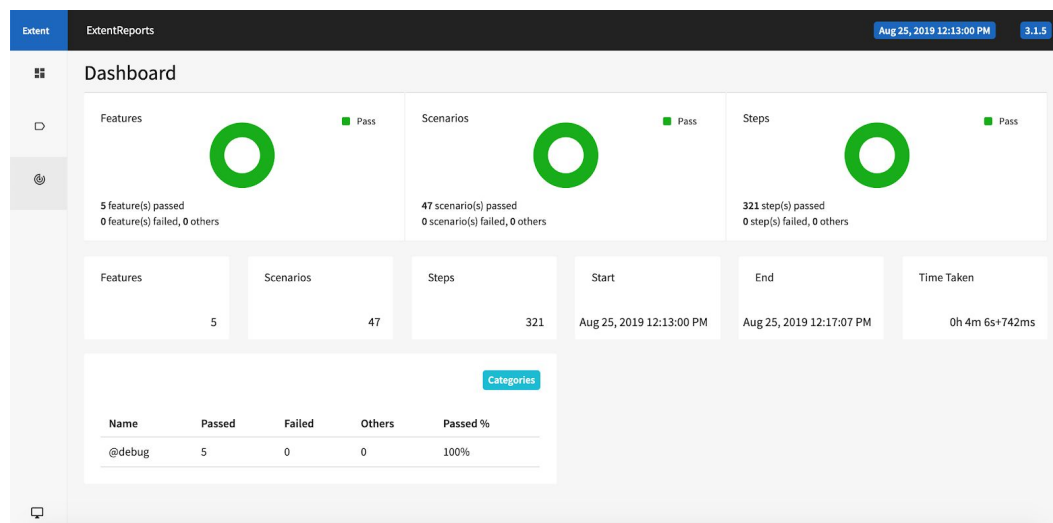


ExtentReports @debug view showing a list of test results. The view includes a sidebar with navigation icons and a top bar with the date and time (Aug 25, 2019 12:13:00 PM) and version (3.1.5).

**Categories:** @debug

**@debug:** Passed: 5

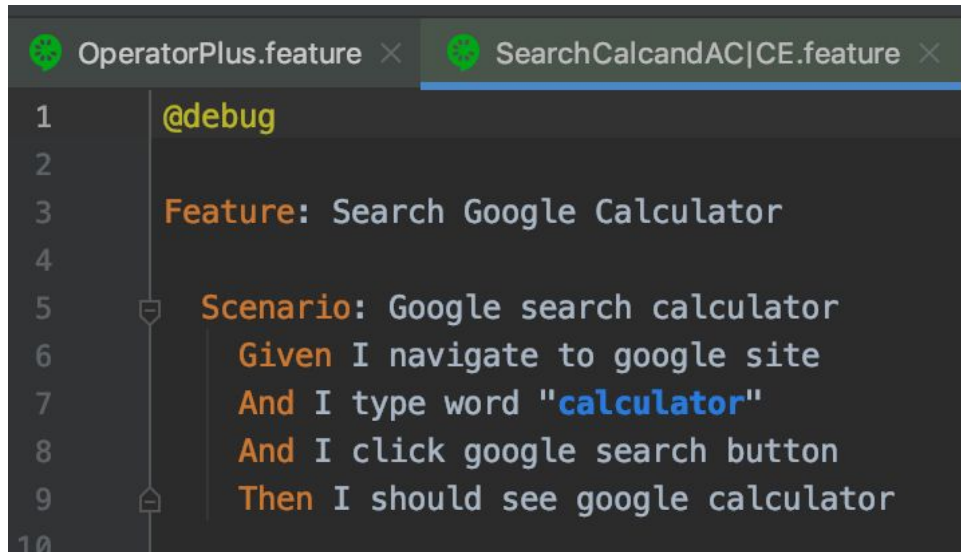
Timestamp	TestName	Status
Aug 25, 2019 12:13:00 PM	Divide Operator	Pass
Aug 25, 2019 12:13:59 PM	Minus Operator	Pass
Aug 25, 2019 12:14:50 PM	Multiply Operator	Pass
Aug 25, 2019 12:15:51 PM	Plus Operator	Pass
Aug 25, 2019 12:16:54 PM	Search Google Calculator	Pass



**Notes:**

If you want to run a specific Scenario -> click right and tap run scenario (but Html report will not be generated)

If you want to run a specific test suite use **@debug** tag (delete @debug tag from features files you don't want to run) (if you use **@debug** tag Html will be reported)



The screenshot shows a code editor with two tabs at the top: "OperatorPlus.feature" and "SearchCalcandAC|CE.feature". The "SearchCalcandAC|CE.feature" tab is active. The code in the editor is as follows:

```
1  @debug
2
3  Feature: Search Google Calculator
4
5  Scenario: Google search calculator
6    Given I navigate to google site
7    And I type word "calculator"
8    And I click google search button
9    Then I should see google calculator
10
```