

ReadMe file to assist you in running the tests in the Framework

You need an IDE to run the software:

- Eclipse Download

Java downloaded and setup java and system variables, follow the link and steps:

- <https://www.java.com/en/download/help/path.html>

Downloaded Maven and setup java and system variables, follow the link and steps:

- [https://www.tutorialspoint.com/maven/maven\\_environment\\_setup.htm](https://www.tutorialspoint.com/maven/maven_environment_setup.htm)

Here is also a YouTube video that assists in this process:

- <https://www.youtube.com/watch?v=km3tLti4TCM>

Remember to double check that Java and Maven is installed:

In the cmd line type to check if Java is installed and environment variables setup:

- Java -version
  - You will get the version of java and some more information
- Mvn -version
  - You will get the maven version and some more information

**There are numerous ways of running the Framework:**

1. Open your IDE and go to the tests:
  - a. **ShopriteTests/src/test/java/com/crm/qa/testcases**
    - i. Right click and run as TestNg and it will run
  - b. **Right click the testNg.xml file and the tests will run**
  - c. Go to the command line (cmd) prompt and the IDE can be closed or open
  - d. Go to where you are running the mvn command make sure you are in the project and the directory where the pom.xml file
    - i. It will fail otherwise
    - ii. Type any 2 maven commands
      1. mvn compile to compile and run the tests
      2. mvn test to run the tests
    - iii. will see all the progress of the command in the command line

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Select Command Prompt

[INFO]
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ ShopriteTests ---
[INFO] Surefire report directory: C:\Users\Shane\Eclipse-Shoprite\FreeCRMTest\target\surefire-reports

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T E S T S
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Running TestSuite
Configuring TestNG with: org.apache.maven.surefire.testng.conf.TestNG652Configurator@4ae82894
Starting ChromeDriver 107.0.5304.62 (1eec40d3a5764881c92085aeee66d25075c159aa-refs/branch-heads/5304@{#942}) on port 29056
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 40.564 sec

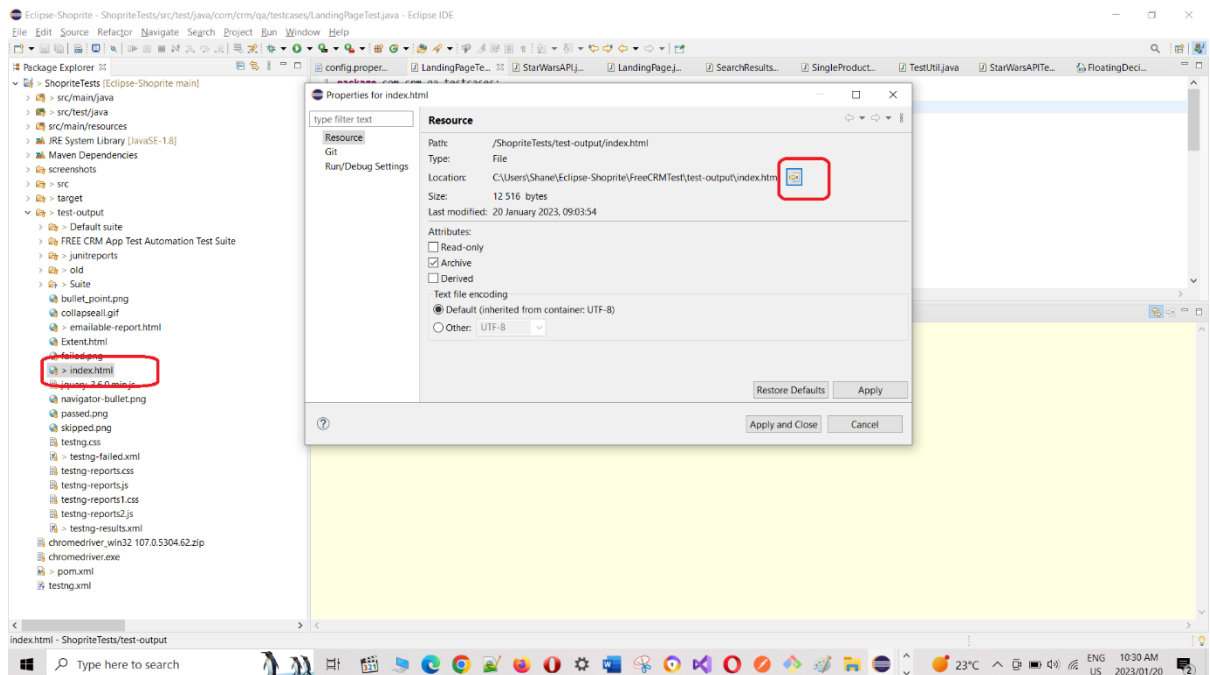
Results :

Tests run: 2, Failures: 0, Errors: 0, Skipped: 0

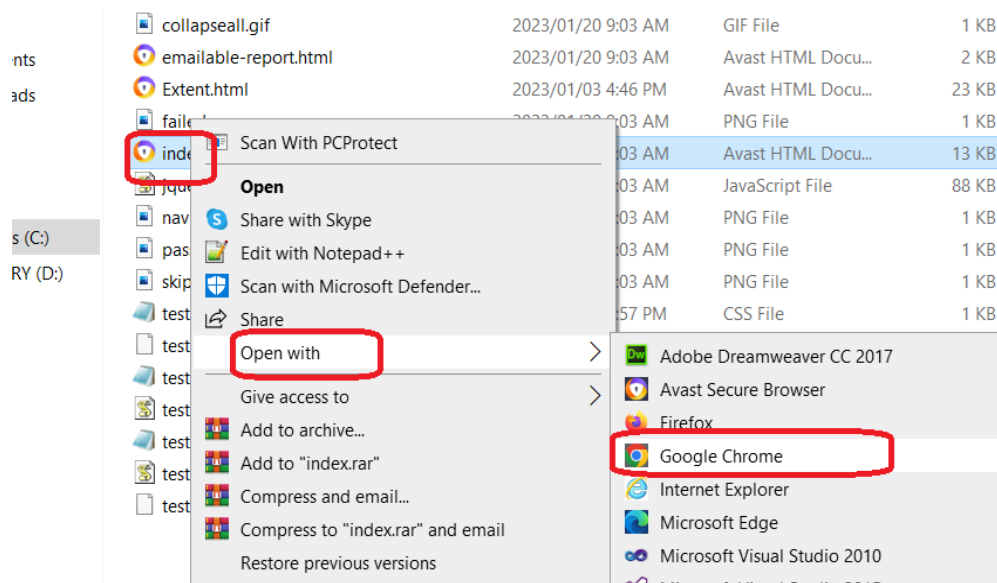
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 49.177 s
[INFO] Finished at: 2023-01-20T10:14:53+02:00
[INFO] -----

C:\Users\Shane\Eclipse-Shoprite\FreeCRMTest>mvn test
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Open the you Eclipse IDE and go to the test-output folder and right click on the index.html file and go to properties so its shows the path of the file. Click on the path as shown below and go to the actual file:



Right click and select the browser you are going to use, I chose Google Chrome:



You can see the TestNg report below:

