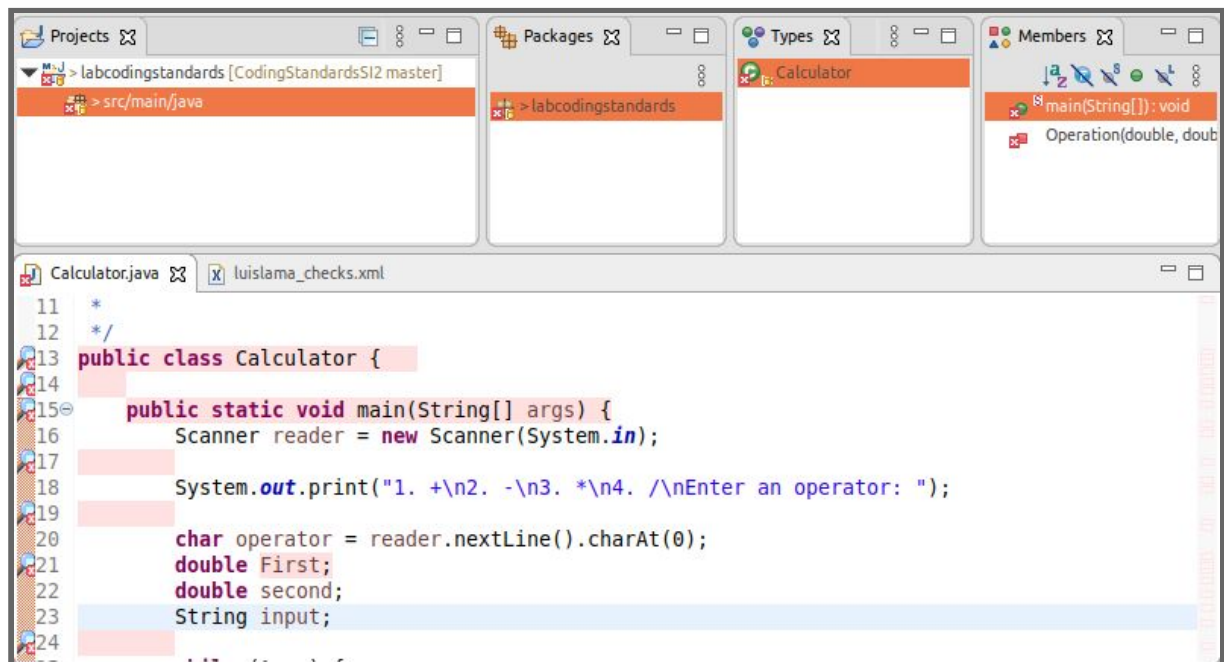
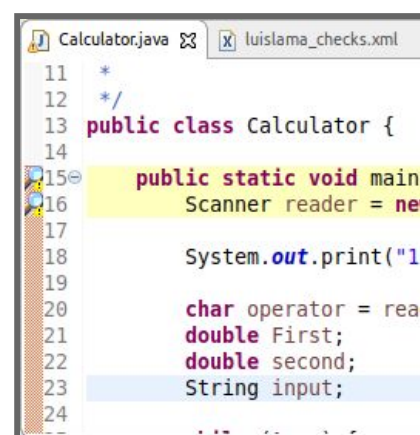
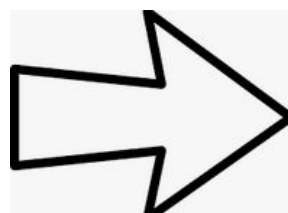
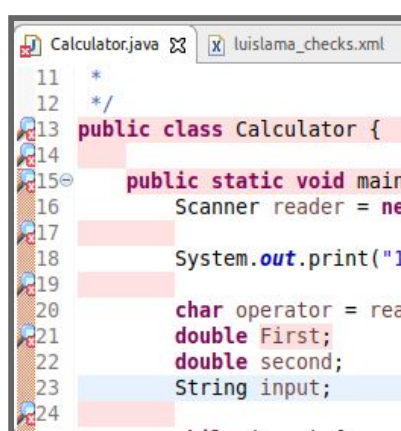
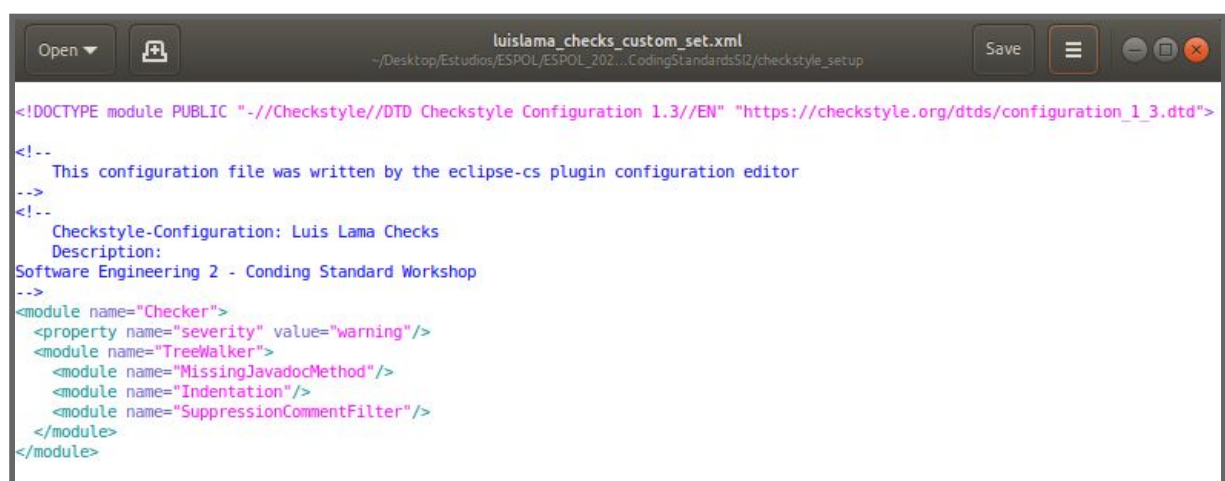
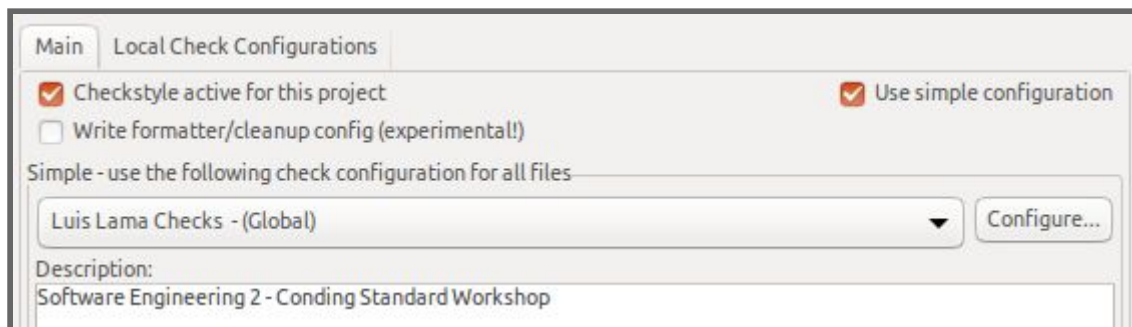


Screenshots

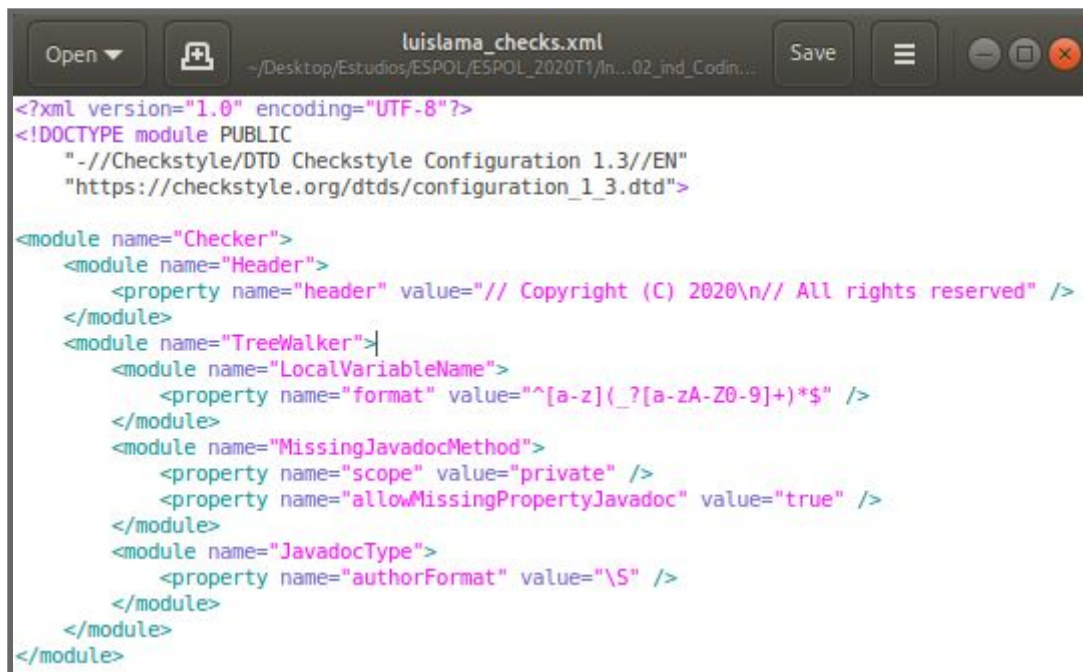
Open project with Checkstyle active - Sun Checks



Custom Checkstyle configuration - UI tool



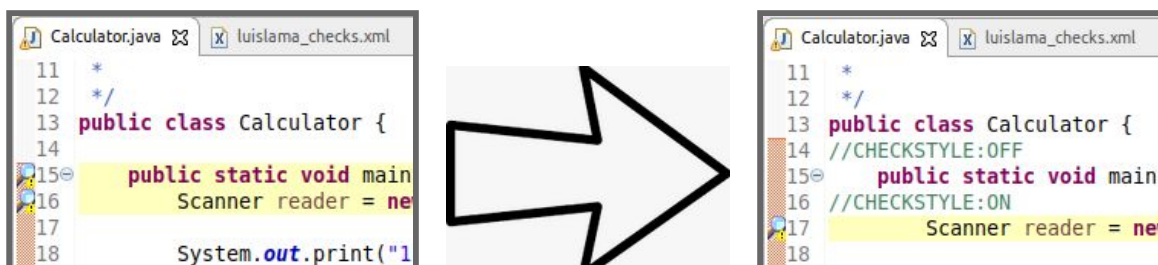
Custom Checkstyle configuration - xml file



```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE module PUBLIC
  "-//Checkstyle/DTD Checkstyle Configuration 1.3//EN"
  "https://checkstyle.org/dtds/configuration_1_3.dtd">

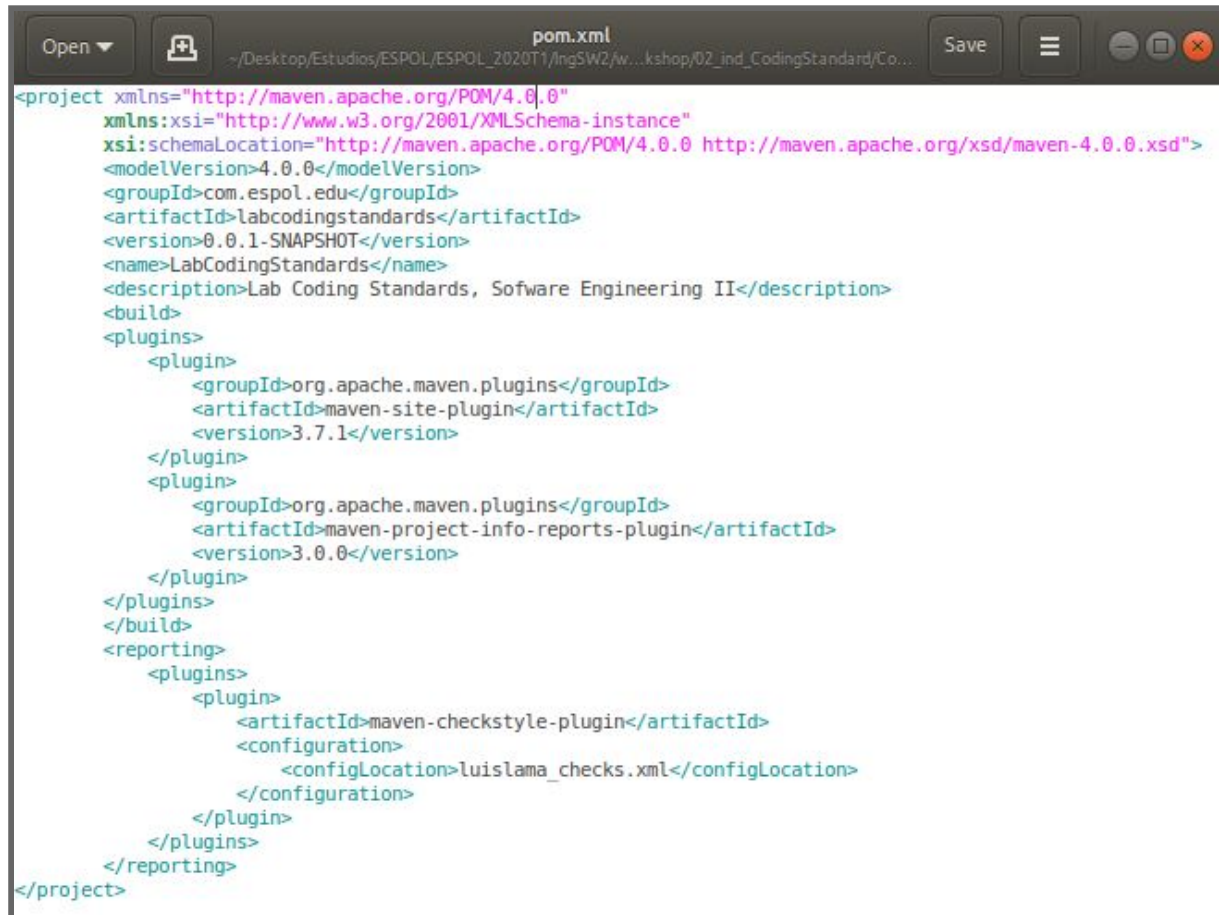
<module name="Checker">
  <module name="Header">
    <property name="header" value="// Copyright (C) 2020\n// All rights reserved" />
  </module>
  <module name="TreeWalker">
    <module name="LocalVariableName">
      <property name="format" value="^[a-z](?_[a-zA-Z0-9]+)*$" />
    </module>
    <module name="MissingJavadocMethod">
      <property name="scope" value="private" />
      <property name="allowMissingPropertyJavadoc" value="true" />
    </module>
    <module name="JavadocType">
      <property name="authorFormat" value="\S" />
    </module>
  </module>
</module>
```

Suppressing Checkstyle Tests

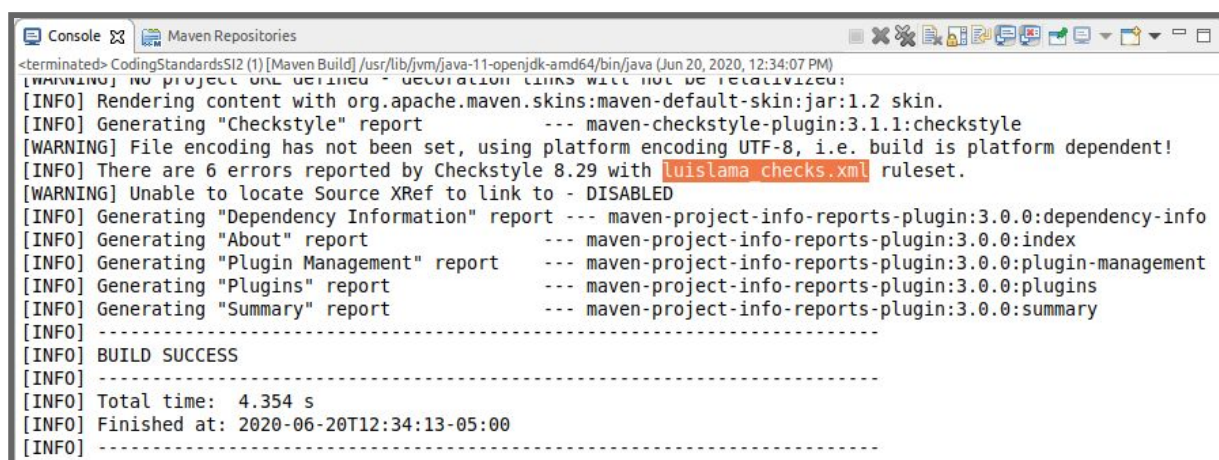


```
11 *
12 */
13 public class Calculator {
14
15     public static void main
16         Scanner reader = ne
17
18     System.out.print("1
```

Checkstyle with Maven



```
<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>com.espol.edu</groupId>
  <artifactId>labcodingstandards</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <name>LabCodingStandards</name>
  <description>Lab Coding Standards, Software Engineering II</description>
  <build>
    <plugins>
      <plugin>
        <groupId>org.apache.maven.plugins</groupId>
        <artifactId>maven-site-plugin</artifactId>
        <version>3.7.1</version>
      </plugin>
      <plugin>
        <groupId>org.apache.maven.plugins</groupId>
        <artifactId>maven-project-info-reports-plugin</artifactId>
        <version>3.0.0</version>
      </plugin>
    </plugins>
  </build>
  <reporting>
    <plugins>
      <plugin>
        <artifactId>maven-checkstyle-plugin</artifactId>
        <configuration>
          <configLocation>luislama_checks.xml</configLocation>
        </configuration>
      </plugin>
    </plugins>
  </reporting>
</project>
```



```
<terminated> CodingStandardsSI2 (1) [Maven Build] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (Jun 20, 2020, 12:34:07 PM)
[WARNING] No project URL defined - decoration links will not be relativized:
[INFO] Rendering content with org.apache.maven.skins:maven-default-skin:jar:1.2 skin.
[INFO] Generating "Checkstyle" report --- maven-checkstyle-plugin:3.1.1:checkstyle
[WARNING] File encoding has not been set, using platform encoding UTF-8, i.e. build is platform dependent!
[INFO] There are 6 errors reported by Checkstyle 8.29 with luislama_checks.xml ruleset.
[WARNING] Unable to locate Source XRef to link to - DISABLED
[INFO] Generating "Dependency Information" report --- maven-project-info-reports-plugin:3.0.0:dependency-info
[INFO] Generating "About" report --- maven-project-info-reports-plugin:3.0.0:index
[INFO] Generating "Plugin Management" report --- maven-project-info-reports-plugin:3.0.0:plugin-management
[INFO] Generating "Plugins" report --- maven-project-info-reports-plugin:3.0.0:plugins
[INFO] Generating "Summary" report --- maven-project-info-reports-plugin:3.0.0:summary
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 4.354 s
[INFO] Finished at: 2020-06-20T12:34:13-05:00
[INFO] -----
```

file:///home/luislama/Desktop/Estudios/ESPOL/ESPOL_2020T1/IngSW2/workshop/02_ind_CodingStandard/CodingStandardsSI2/target/site/ch

Details

labcodingstandards/Calculator.java

Severity	Category	Rule	Message	Line
Error	header	Header	Line does not match expected header line of '// Copyright (C) 2020'.	1
Error	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	15
Error	naming	LocalVariableName	Name 'First' must match pattern '[a-z][_?a-zA-Z0-9]+*\$'.	22
Error	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	57