# Screenshots

Open project with Checkstyle active - Sun Checks

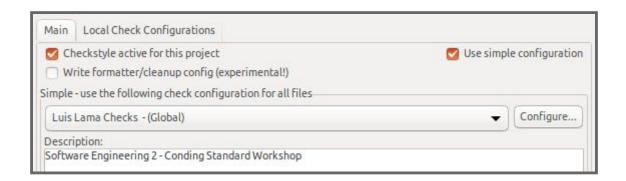


```
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☑ Projects ☒
                                                                Members 🔀
                                          Packages 🔀

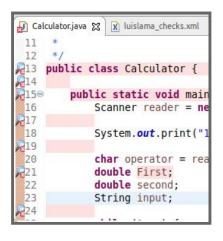
▼ MSJ > labcodingstandards [CodingStandardsSI2 master]

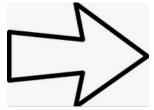
                                                               Calculato
                                                                                          Ta K No Nr 8
                                                                                       Operation(double, doub
                                                                                                    - -
🔝 Calculator.java 💢 🔯 luislama_checks.xml
 11 *
 12
R13 public class Calculator {
214
215⊖
          public static void main(String[] args) {
16
217
              Scanner reader = new Scanner(System.in);
 18
              System.out.print("1. +\n2. -\n3. *\n4. /\nEnter an operator: ");
219
20
21
              char operator = reader.nextLine().charAt(0);
              double First;
 22
              double second;
 23
              String input;
24
```

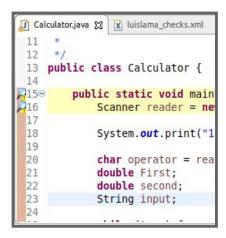
### Custom Checkstyle configuration - UI tool



```
luislama_checks_custom_set.xml
                                                                                                                             Open ▼
              Æ
                                                                                                                      <!DOCTYPE module PUBLIC "-//Checkstyle//DTD Checkstyle Configuration 1.3//EN" "https://checkstyle.org/dtds/configuration 1 3.dtd">
   This configuration file was written by the eclipse-cs plugin configuration editor
<! --
   Checkstyle-Configuration: Luis Lama Checks
   Description:
Software Engineering 2 - Conding Standard Workshop
module name="Checker">
 property name="severity" value="warning"/>
  <module name="TreeWalker">
   <module name="MissingJavadocMethod"/>
<module name="Indentation"/>
    <module name="SuppressionCommentFilter"/>
 </module>
:/module>
```





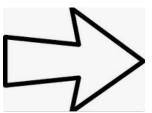


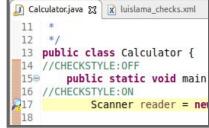
### Custom Checkstyle configuration - xml file

```
luislama_checks.xml
                                                                              Open 🕶
             Ð
<?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">
           coperty name="format" value="^[a-z]( ?[a-zA-Z0-9]+)*$" />
       </module>
       <module name="MissingJavadocMethod">
           cproperty name="scope" value="private" />
           property name="allowMissingPropertyJavadoc" value="true" />
       </module>
       <module name="JavadocType">
           property name="authorFormat" value="\S" />
       </module>
   </module>
 /module>
```

# Suppressing Checkstyle Tests

```
Calculator.java 
li *
li */
li */
public class Calculator {
li *
public static void main
Scanner reader = ne
li System.out.print("1
```





#### Checkstyle with Maven

```
pom.xml
                                                                                          Open 🕶
            Ð
cproject 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
       <name>LabCodingStandards</name>
       <description>Lab Coding Standards, Sofware 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
           </plugin>
       </plugins>
       </build>
       <reporting>
          <plugins>
               <plugin>
                  <artifactId>maven-checkstyle-plugin</artifactId>
                  <configuration>
                      <configLocation>luislama checks.xml</configLocation>
                   </configuration>
               </plugin>
          </plugins>
       </reporting>
ject>
```

```
terminated>CodingStandardsSI2 (1) [Maven Build] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (Jun 20, 2020, 12:34:07 PM) אונער וויסר שבי ויסר שבי בי מבנעי בעבטי מנגעסין וויסר שבי ויסר שבי ויסר שבי בי מבנעי בעבטי מנגעסין וויסר שבי ויסר שבי ויסר שבי בי מבנעי בעבטי
[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 <a href="Luislama checks.xml">Luislama checks.xml</a> ruleset.
[INFO] There are 6 errors reported by Checkstyle 8.29 with [[
[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
[INFO] Generating "Plugin Management" report
                                                            --- maven-project-info-reports-plugin:3.0.0:index
                                                         --- maven-project-info-reports-plugin:3.0.0:plugin-management
[INFO] Generating "Plugins" report
[INFO] Generating "Summary" report
                                                            --- maven-project-info-reports-plugin:3.0.0:plugins
                                                            --- 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
```

# Escuela Superior Politécnica del Litoral Software Engineering 2

