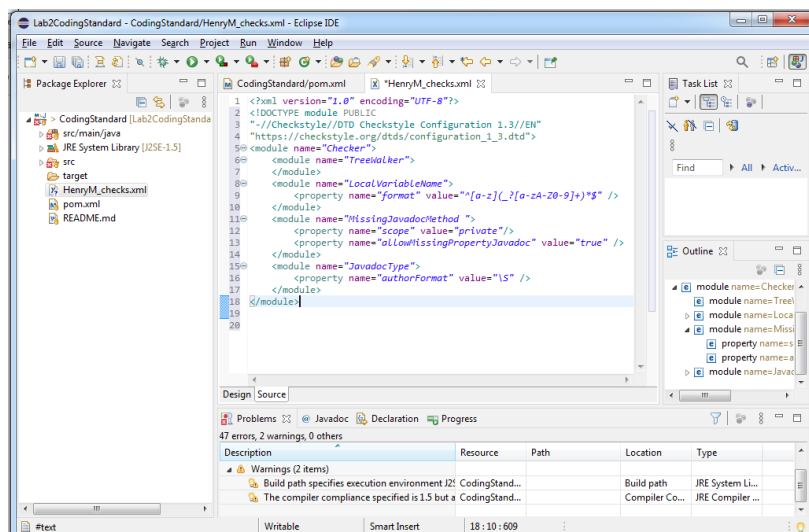
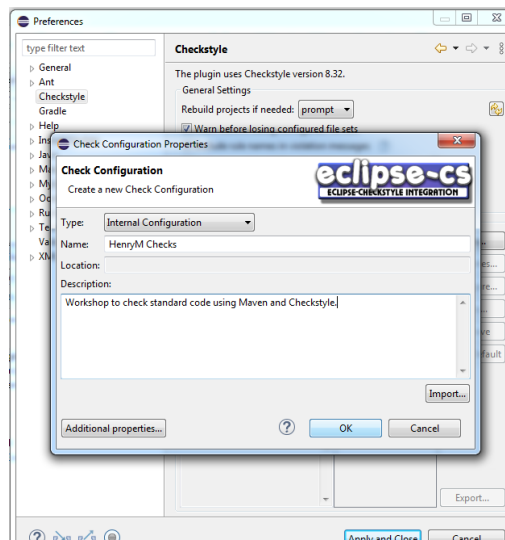
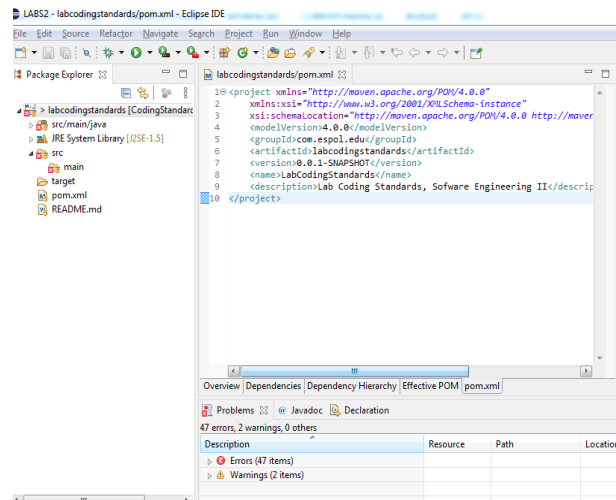


## WORKSHOP

Screenshots of the activity to learn how to work with checkstyle.



## Henry Maticurena Software Engineering II

The screenshot shows a web browser with the URL `C:/Users/Usuario/Desktop/Espol/Semestre%2010/Ingenieria%20Software%20II/LAB52/Lab2CodingStandard/CodingStandard/target/site/ch...`. The page title is "LabCodingStandards" and it includes a sidebar with "Project Documentation" and "Project Reports". The main content area is titled "Checkstyle Results" and states: "The following document contains the results of Checkstyle 8.29 with HenryM\_checks.xml ruleset." Below this is a "Summary" table:

Files	Info	Warnings	Errors
1	0	0	5

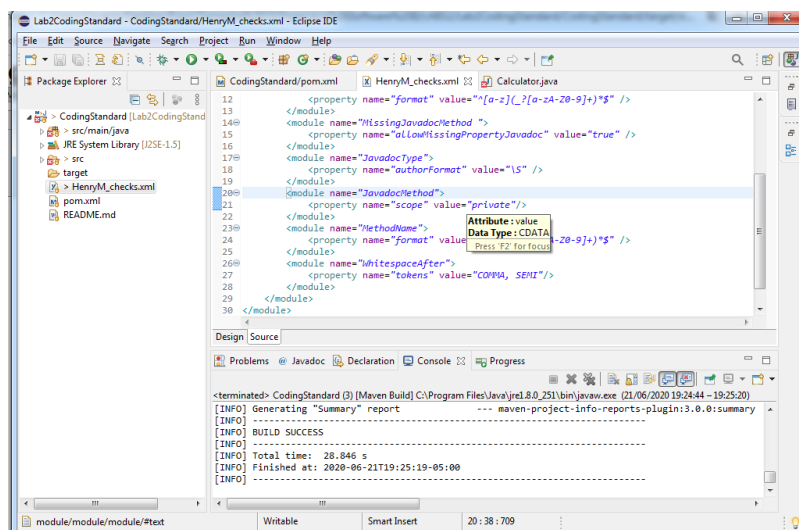
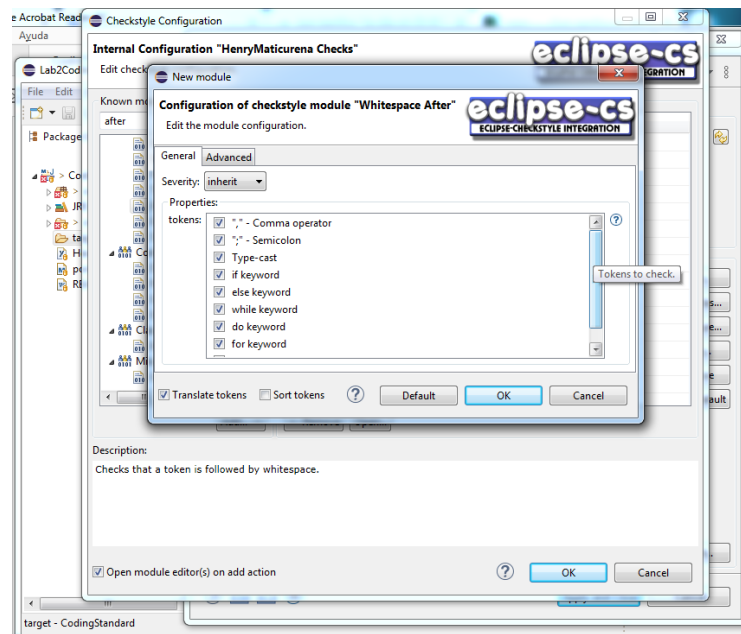
Below the summary is a "Files" table:

File	I	W	E
labcodingstandards/Calculator.java	0	0	5

Below the files table is a "Rules" table:

Category	Rule	Violations	Severity
header	Header	1	Error

Screenshots of the workshop about the modules added and the code changed so that the errors provided are eliminated.



## BEFORE DE CORRECTION

The screenshot shows the LabCodingStandards web application. The 'Checkstyle Results' section indicates 9 errors. The 'Summary' table shows 1 file, 0 info, 0 warnings, and 9 errors. The 'Files' table lists 'labcodingstandards/Calculator.java' with 0 info, 0 warnings, and 9 errors. The 'Rules' table shows a single violation for the 'Header' rule (Category: header, Rule: Header, Violations: 1, Severity: Error).

**Checkstyle Results**

The following document contains the results of Checkstyle 8.29 with HenryM\_checks.xml ruleset.

**Summary**

Files	Info	Warnings	Errors
1	0	0	9

**Files**

File	I	W	E
labcodingstandards/Calculator.java	0	0	9

**Rules**

Category	Rule	Violations	Severity
header	Header • header 1: // Copyright (C) 2020	1	Error

The screenshot shows the LabCodingStandards web application after corrections. The 'Checkstyle Results' section indicates 0 errors. The 'Summary' table shows 1 file, 0 info, 0 warnings, and 0 errors. The 'Files' table lists 'labcodingstandards/Calculator.java' with 0 info, 0 warnings, and 0 errors. The 'Rules' table is empty. The 'Details' section shows a list of violations for 'labcodingstandards/Calculator.java'.

**Checkstyle Results**

The following document contains the results of Checkstyle 8.29 with HenryM\_checks.xml ruleset.

**Summary**

Files	Info	Warnings	Errors
1	0	0	0

**Files**

File	I	W	E
labcodingstandards/Calculator.java	0	0	0

**Rules**

Category	Rule	Violations	Severity
----------	------	------------	----------

**Details**

labcodingstandards/Calculator.java

Severity	Category	Rule	Message	Line
Error	Javadoc	JavadocType	Type Javadoc comment is missing @author tag.	13
Error	Javadoc	MissingJavadocMethod	Missing a Javadoc comment.	15
Error	naming	LocalVariableName	Name 'first' must match pattern '^[a-z](_?[a-zA-Z0-9]+)?\$'.	22
Error	whitespace	WhitespaceAfter	'.' is not followed by whitespace.	51
Error	whitespace	WhitespaceAfter	'.' is not followed by whitespace.	51
Error	naming	MethodName	Name 'Operation' must match pattern '^[a-z](_?[a-zA-Z0-9]+)?\$'.	57
Error	whitespace	WhitespaceAfter	'.' is not followed by whitespace.	57
Error	whitespace	WhitespaceAfter	'.' is not followed by whitespace.	57

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## AFTER OF CORRECTION

The screenshot shows the LabCodingStandards web application after corrections. The 'Checkstyle Results' section indicates 0 errors. The 'Summary' table shows 1 file, 0 info, 0 warnings, and 0 errors. The 'Files' table lists 'labcodingstandards/Calculator.java' with 0 info, 0 warnings, and 0 errors. The 'Rules' table is empty. The 'Details' section is empty.

**Checkstyle Results**

The following document contains the results of Checkstyle 8.29 with HenryM\_checks.xml ruleset.

**Summary**

Files	Info	Warnings	Errors
1	0	0	0

**Files**

File	I	W	E
labcodingstandards/Calculator.java	0	0	0

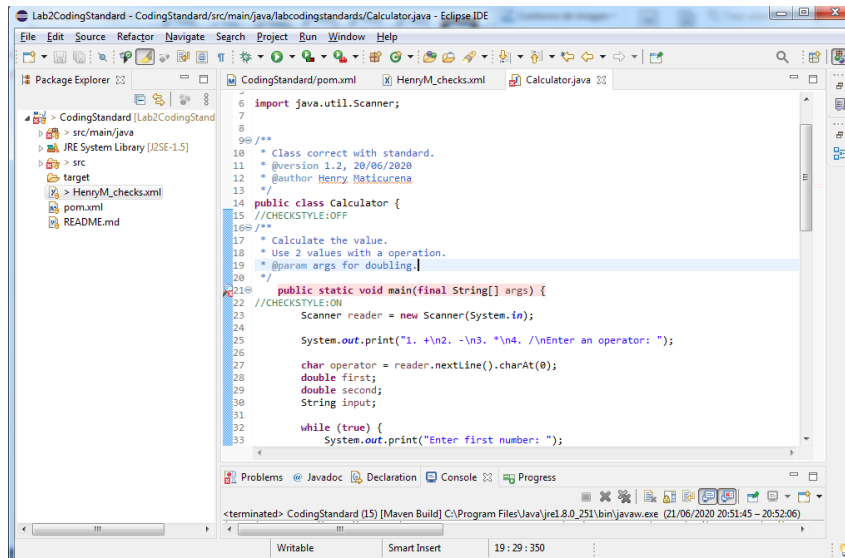
**Rules**

Category	Rule	Violations	Severity
----------	------	------------	----------

**Details**

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## Henry Maticurena Software Engineering II



URL OF REPOSITORY

<https://github.com/HenryMaticurena/Lab2CodingStandard>