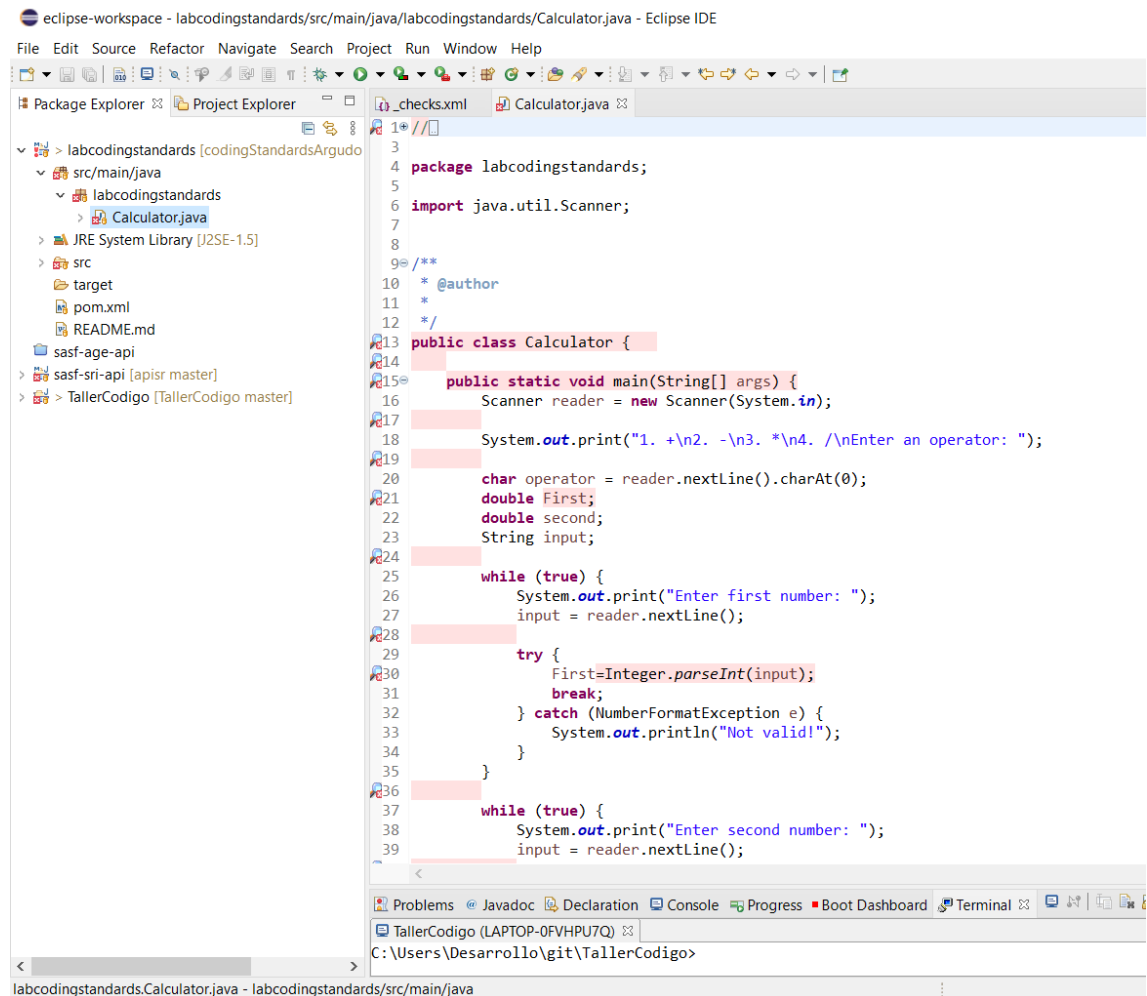


LINK DEL REPOSITORIO:

<https://github.com/aargudo1910/CodingStandards.git>

## LAB REPORT

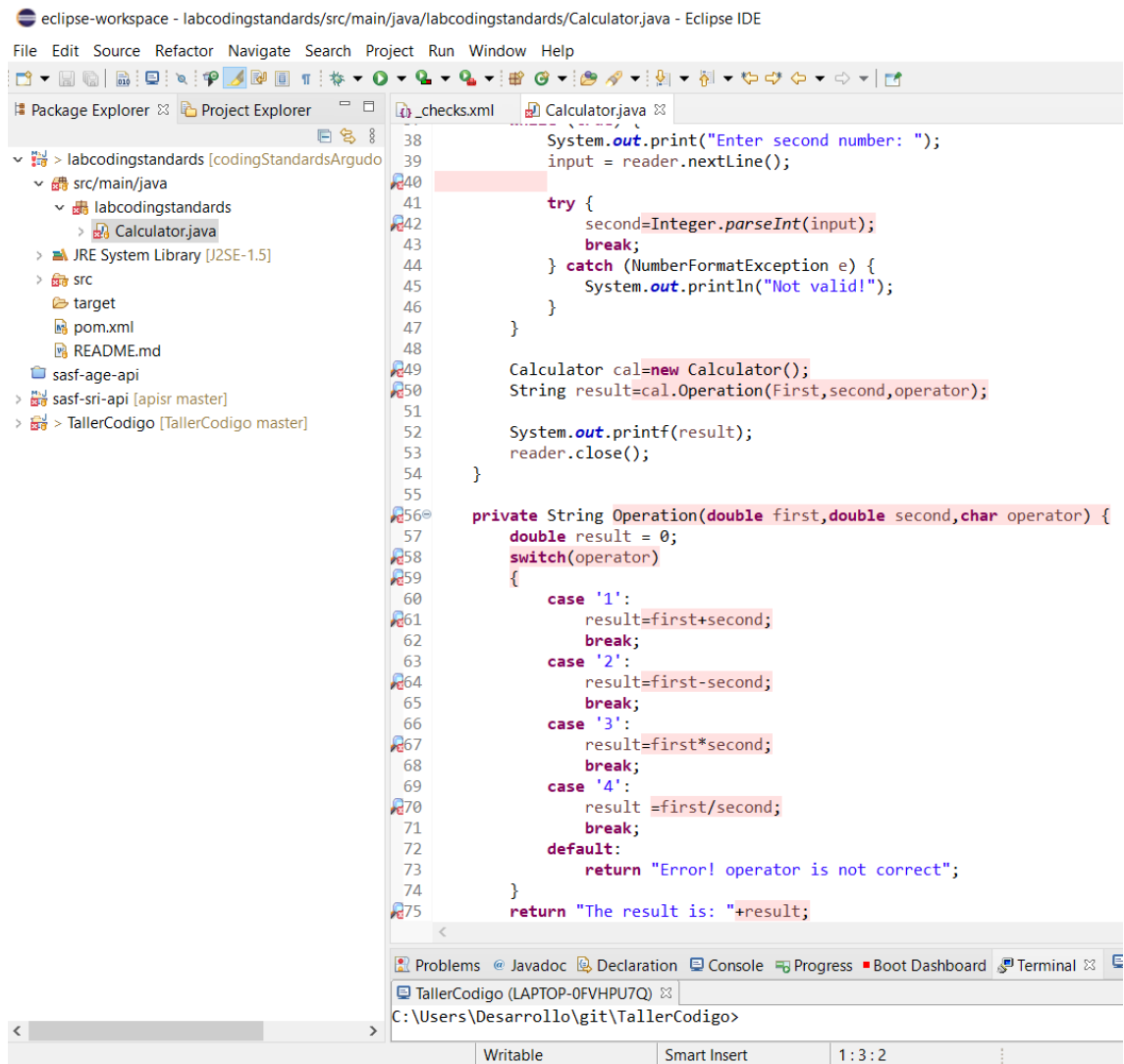
### Errores en el código



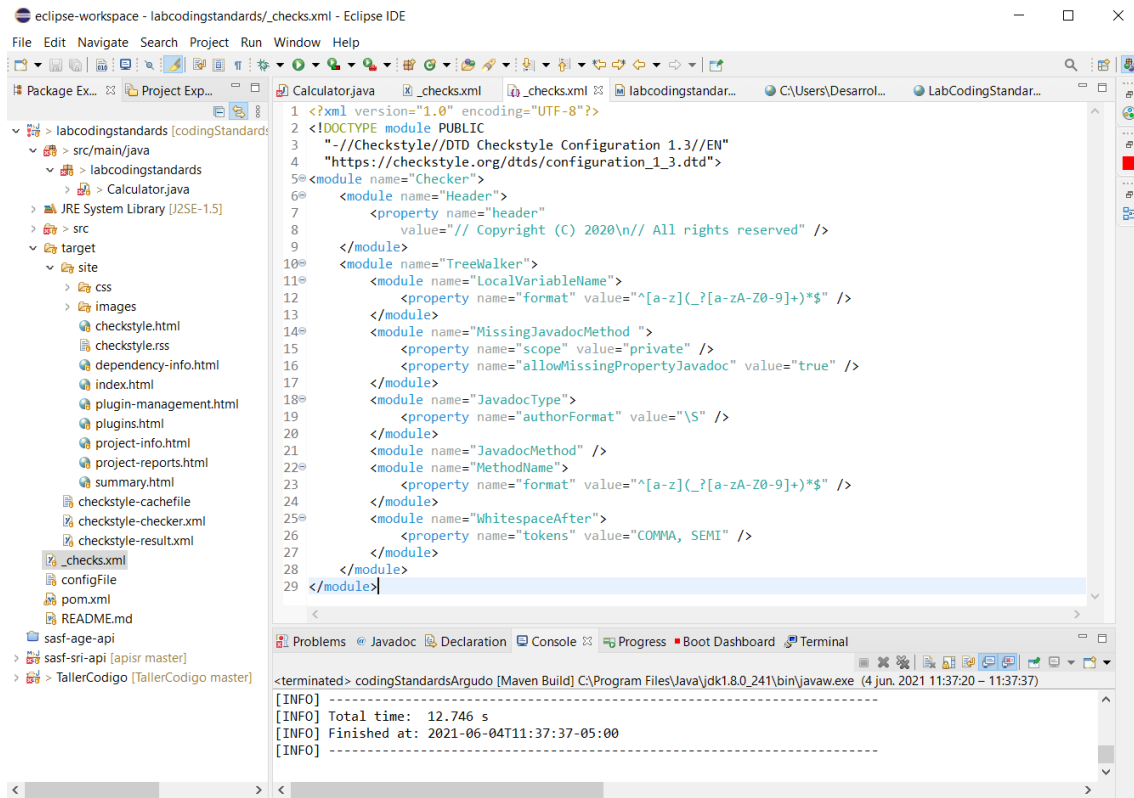
The screenshot shows the Eclipse IDE interface. The Package Explorer on the left displays the project structure: labcodingstandards [codingStandardsArgudo] > src/main/java > labcodingstandards > Calculator.java. The main editor window shows the code for Calculator.java. The code is as follows:

```
1  //
2
3
4  package labcodingstandards;
5
6  import java.util.Scanner;
7
8
9  /**
10   * @author
11   *
12   */
13  public class Calculator {
14
15      public static void main(String[] args) {
16          Scanner reader = new Scanner(System.in);
17
18          System.out.print("1. +\n2. -\n3. *\n4. /\n\nEnter an operator: ");
19
20          char operator = reader.nextLine().charAt(0);
21          double First;
22          double second;
23          String input;
24
25          while (true) {
26              System.out.print("Enter first number: ");
27              input = reader.nextLine();
28
29              try {
30                  First=Integer.parseInt(input);
31                  break;
32              } catch (NumberFormatException e) {
33                  System.out.println("Not valid!");
34              }
35          }
36
37          while (true) {
38              System.out.print("Enter second number: ");
39              input = reader.nextLine();
```

The code contains several syntax errors highlighted with red squiggly lines: a missing closing brace for the first while loop (line 35), a missing closing brace for the try block (line 34), and a missing closing brace for the second while loop (line 39). The bottom status bar shows the file path: labcodingstandards.Calculator.java - labcodingstandards/src/main/java.



XML





## CHEKSTYLE REPORT 1

## Checkstyle Results

The following document contains the results of [Checkstyle](#) 8.29 with [\\_checks.xml](#) ruleset. [XML](#)




## Summary

Files	 Info	 Warnings	 Errors
1	0	0	10

## Files

File	 I	 W	 E
labcodingstandards/Calculator.java	0	0	10

## Rules

Category	Rule	Violations	Severity
header	Header <ul style="list-style-type: none"><li>header1: // Copyright (C) 20202: // All rights reserved</li></ul>	1	 Error
javadoc	JavadocType <ul style="list-style-type: none"><li>authorFormat: "\s"</li></ul>	1	 Error
	MissingJavadocMethod <ul style="list-style-type: none"><li>allowMissingPropertyJavadoc: "true"</li><li>scope: "private"</li></ul>	2	 Error
naming	LocalVariableName <ul style="list-style-type: none"><li>format: "^[a-z](_?[a-zA-Z0-9]+)*\$"</li></ul>	1	 Error
	MethodName <ul style="list-style-type: none"><li>format: "^[a-z](_?[a-zA-Z0-9]+)*\$"</li></ul>	1	 Error
whitespace	WhitespaceAfter <ul style="list-style-type: none"><li>tokens: "COMMA, SEMI"</li></ul>	4	 Error

## Details

labcodingstandards/Calculator.java

## 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	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	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	57
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

## CHECKTYLE REPORT 2 SIN ERRORES

eclipse-workspace - file:///C:/Users/Desarrollo/Documents/Angie/Espol/7s/Ingenieria%20de%20Software%202/codingStandardsArgudo/target/site/index.html - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Package Explorer Project Explorer Calculator.java \_checks.xml \_checks.xml labcodingstandards/pom.xml C:\Users\Desarrollo\Documents\Angie\Espol\7s\... LabCodingStandards - Checkstyle Results

labcodingstandards [codingStandardsArgudo main]

src/main/java

labcodingstandards

Calculator.java

JRE System Library [J2SE-1.5]

src

target

site

css

images

checkstyle.html

checkstyle.rss

dependency-info.html

index.html

plugin-management.html

plugins.html

project-info.html

project-reports.html

summary.html

checkstyle-cachefile

checkstyle-checker.xml

checkstyle-result.xml

\_checks.xml

configFile

pom.xml

README.md

sasf-ape-api

sasf-sri-api [apisr master]

TallerCodigo [TallerCodigo master]

# LabCodingStandards

Last Published: 2021-06-04 | Version: 0.0.1-SNAPSHOT

## Checkstyle Results

The following document contains the results of Checkstyle 8.29 with \_checks.xml ruleset. [View](#)

## Summary

Files	Info	Warnings	Errors
1	0	0	0

## Files

File	I	W	E
------	---	---	---

## Rules

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

## Details

Copyright © 2021. All rights reserved.