

# Checkstyle Results

The following document contains the results of Checkstyle 9.3 with google\_checks.xml ruleset.

## Summary

Files



Info

Warnings

Errors

7

0

13

0

## Files

File



	I	W	E
com/example/sep/TanCalcD1.java	0	1	0
com/example/sep/TanCalcD1Test.java	0	3	0
com/example/sep/TanCalcGuiD2.java	0	5	0
com/example/sep/TrigCalculator.java	0	1	0
com/example/sep/TrigCalculatorTest.java	0	3	0

## Rules

Category	Rule	Violations	Severity
coding	VariableDeclarationUsageDistance	1	
			Warning
imports	AvoidStarImport	1	
			Warning
	CustomImportOrder	2	
	<ul style="list-style-type: none"><li>separateLineBetweenGroups: "true"</li><li>sortImportsInGroupAlphabetically: "true"</li><li>customImportOrderRules: "STATIC###THIRD_PARTY_PACKAGE"</li><li>tokens: "IMPORT, STATIC_IMPORT, PACKAGE_DEF"</li></ul>		Warning
indentation	Indentation	5	
	<ul style="list-style-type: none"><li>throwsIndent: "4"</li><li>arrayInitIndent: "2"</li><li>caseIndent: "2"</li><li>basicOffset: "2"</li><li>braceAdjustment: "2"</li></ul>		Warning

- lineWrappingIndentation: "4"

**javadoc** **MissingJavadocType**

1



- scope: "protected"
- excludeScope: "nothing"
- tokens: "CLASS\_DEF, INTERFACE\_DEF, ENUM\_DEF, RECORD\_DEF, ANNOTATION\_DEF"

Warning

**SummaryJavadoc**

3



- forbiddenSummaryFragments: "^@return the \*|^This method returns|^A [{}@code [a-zA-Z0-9]+[{}]( is a )"

Warning

## Details

### com/example/sep/TanCalcD1.java




Severity	Category	Rule	Message	Line
	javadoc	SummaryJavadoc	Summary javadoc is missing.	1
Warning				

### com/example/sep/TanCalcD1Test.java


Severity	Category	Rule	Message	Line
	imports	CustomImportOrder	Wrong lexicographical order for 'org.junit.jupiter.api.Assertions.assertEquals' import. Should be before 'org.junit.jupiter.api.Assertions.assertTrue'.	4
Warning				
	indentation	Indentation	""Should inform the user that tan(x) is undefined for this angle"" has incorrect indentation level 6, expected level should be 8.	82
Warning				
	indentation	Indentation	""Should warn user to enter 'd' for degrees or 'r' for radians"" has incorrect indentation level 6, expected level should be 8.	91
Warning				

### com/example/sep/TanCalcGuiD2.java




Severity	Category	Rule	Message	Line
	javadoc	SummaryJavadoc	Summary javadoc is missing.	1
Warning				
	coding	VariableDeclarationUsageDistance	Distance between variable 'heading' declaration and its first usage is 14, but allowed 3. Consider making that variable final if you still need to store its value in	45
Warning				

8/9/25, 1:02 AM	SEP – Checkstyle Results			
		advance (before method calls that might have side effects on the original value).		
	indentation	Indentation	'?' has incorrect indentation level 10, expected level should be 12.	79
Warning				
	indentation	Indentation	':' has incorrect indentation level 10, expected level should be 12.	80
Warning				
	indentation	Indentation	'heading' has incorrect indentation level 6, expected level should be 8.	97
Warning				

com/example/sep/TrigCalculator.java

Severity	Category	Rule	Message	Line
	javadoc	SummaryJavadoc	Summary javadoc is missing.	1
Warning				

com/example/sep/TrigCalculatorTest.java

Severity	Category	Rule	Message	Line
	imports	AvoidStarImport	Using the '.*' form of import should be avoided - org.junit.jupiter.api.Assertions.*.	3
Warning				
	imports	CustomImportOrder	'org.junit.jupiter.api.BeforeEach' should be separated from previous import group by one line.	4
Warning				
	javadoc	MissingJavadocType	Missing a Javadoc comment.	7
Warning				