Checkstyle Results

The following document contains the results of Checkstyle   9.3 with google_checks.xml ruleset.

Summary

Files	ℹ Info	⚠ Warnings	❌ Errors
4	0	127	0

Files

File	ℹ I	⚠ W	❌ E
com/example/sep/HelloApplication.java	0	14	0
com/example/sep/HelloController.java	0	5	0
com/example/sep/TanCalcGUI_D2.java	0	76	0
com/example/sep/TanCalc_D1.java	0	32	0

Rules

Category	Rule	Violations	Severity
imports	AvoidStarImport	2	⚠ Warning
	CustomImportOrder	2	⚠ Warning

- separateLineBetweenGroups: `"true"`
- sortImportsInGroupAlphabetically: `"true"`
- customImportOrderRules: `"STATIC###THIRD_PARTY_PACKAGE"`
- tokens: `"IMPORT, STATIC_IMPORT, PACKAGE_DEF"`

Category	Rule	Violations	Severity
indentation	Indentation	111	⚠ Warning

- throwsIndent: `"4"`
- arrayInitIndent: `"2"`
- caseIndent: `"2"`
- basicOffset: `"2"`
- braceAdjustment: `"2"`
- lineWrappingIndentation: `"4"`

Category	Rule	Violations	Severity
javadoc	MissingJavadocMethod	1	⚠ Warning

- scope: `"public"`
- tokens: `"METHOD_DEF, CTOR_DEF, ANNOTATION_FIELD_DEF, COMPACT_CTOR_DEF"`
- minLineCount: `"2"`
- allowedAnnotations: `"Override, Test"`

Category	Rule	Violations	Severity
	MissingJavadocType	4	⚠ Warning

- scope: `"protected"`
- excludeScope: `"nothing"`

- tokens: "CLASS_DEF, INTERFACE_DEF, ENUM_DEF, RECORD_DEF, ANNOTATION_DEF"

naming	**AbbreviationAsWordInName**	1	⚠️ Warning

- tokens: "CLASS_DEF, INTERFACE_DEF, ENUM_DEF, ANNOTATION_DEF, ANNOTATION_FIELD_DEF, PARAMETER_DEF, VARIABLE_DEF, METHOD_DEF, PATTERN_VARIABLE_DEF, RECORD_DEF, RECORD_COMPONENT_DEF"
- ignoreFinal: "false"
- allowedAbbreviationLength: "0"

	LocalVariableName	2	⚠️ Warning

- format: "^[a-z]([a-z0-9][a-zA-Z0-9]*)?$"

	TypeName	2	⚠️ Warning

- tokens: "CLASS_DEF, INTERFACE_DEF, ENUM_DEF, ANNOTATION_DEF, RECORD_DEF"

sizes	**LineLength**	1	❌ Error

- fileExtensions: "java"
- max: "100"
- ignorePattern: "^package.*|^import.*|a href|href|http://|https://|ftp://"

whitespace	**EmptyLineSeparator**	1	⚠️ Warning

- allowNoEmptyLineBetweenFields: "true"
- tokens: "PACKAGE_DEF, IMPORT, STATIC_IMPORT, CLASS_DEF, INTERFACE_DEF, ENUM_DEF, STATIC_INIT, INSTANCE_INIT, METHOD_DEF, CTOR_DEF, VARIABLE_DEF, RECORD_DEF, COMPACT_CTOR_DEF"

Details

com/example/sep/HelloApplication.java

Severity	Category	Rule	Message	Line
⚠️ Warning	imports	CustomImportOrder	Extra separation in import group before 'java.io.IOException'	8
⚠️ Warning	imports	CustomImportOrder	Wrong lexicographical order for 'java.io.IOException' import. Should be before 'javafx.stage.Stage'.	8
⚠️ Warning	javadoc	MissingJavadocType	Missing a Javadoc comment.	10
⚠️ Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	11
⚠️ Warning	sizes	LineLength	Line is longer than 100 characters (found 102).	13
⚠️ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	13

Severity	Category	Rule	Message	Line
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	14
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	15
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	16
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	17
⚠ Warning	indentation	Indentation	'method def rcurly' has incorrect indentation level 4, expected level should be 2.	18
⚠ Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	20
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	21
⚠ Warning	indentation	Indentation	'method def rcurly' has incorrect indentation level 4, expected level should be 2.	22

com/example/sep/HelloController.java

Severity	Category	Rule	Message	Line
⚠ Warning	javadoc	MissingJavadocType	Missing a Javadoc comment.	6
⚠ Warning	indentation	Indentation	'member def modifier' has incorrect indentation level 4, expected level should be 2.	7
⚠ Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	10
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	12
⚠ Warning	indentation	Indentation	'method def rcurly' has incorrect indentation level 4, expected level should be 2.	13

com/example/sep/TanCalcGUI_D2.java

Severity	Category	Rule	Message	Line
⚠ Warning	imports	AvoidStarImport	Using the '.*' form of import should be avoided - javafx.scene.control.*.	6
⚠ Warning	imports	AvoidStarImport	Using the '.*' form of import should be avoided - javafx.scene.layout.*.	7
⚠ Warning	javadoc	MissingJavadocType	Missing a Javadoc comment.	10
⚠ Warning	naming	AbbreviationAsWordInName	Abbreviation in name 'TanCalcGUI_D2' must contain no more than '1' consecutive capital letters.	10
⚠ Warning	naming	TypeName	Type name 'TanCalcGUI_D2' must match pattern '^[A-Z][a-zA-Z0-9]*$'.	10
⚠ Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	12

⚠️ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	13
⚠️ Warning	indentation	Indentation	'method def rcurly' has incorrect indentation level 4, expected level should be 2.	14
⚠️ Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	17
⚠️ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	18
⚠️ Warning	indentation	Indentation	'method def rcurly' has incorrect indentation level 4, expected level should be 2.	19
⚠️ Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	22
⚠️ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	23
⚠️ Warning	indentation	Indentation	'for' has incorrect indentation level 8, expected level should be 4.	24
⚠️ Warning	indentation	Indentation	'for' child has incorrect indentation level 12, expected level should be 6.	25
⚠️ Warning	indentation	Indentation	'for rcurly' has incorrect indentation level 8, expected level should be 4.	26
⚠️ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	27
⚠️ Warning	indentation	Indentation	'method def rcurly' has incorrect indentation level 4, expected level should be 2.	28
⚠️ Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	31
⚠️ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	32
⚠️ Warning	indentation	Indentation	'for' has incorrect indentation level 8, expected level should be 4.	33
⚠️ Warning	indentation	Indentation	'for' child has incorrect indentation level 12, expected level should be 6.	34
⚠️ Warning	indentation	Indentation	'for' child has incorrect indentation level 12, expected level should be 6.	35
⚠️ Warning	indentation	Indentation	'for rcurly' has incorrect indentation level 8, expected level should be 4.	36
⚠️ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	37
⚠️ Warning	indentation	Indentation	'method def rcurly' has incorrect indentation level 4, expected level should be 2.	38
⚠️ Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	41
⚠️ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	42
⚠️ Warning	indentation	Indentation	'for' has incorrect indentation level 8, expected level should be 4.	43
⚠️ Warning	indentation	Indentation	'for' child has incorrect indentation level 12, expected level should be 6.	44

⚠ Warning	indentation	Indentation	'for' child has incorrect indentation level 12, expected level should be 6.	45
⚠ Warning	indentation	Indentation	'for rcurly' has incorrect indentation level 8, expected level should be 4.	46
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	47
⚠ Warning	indentation	Indentation	'method def rcurly' has incorrect indentation level 4, expected level should be 2.	48
⚠ Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	51
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	52
⚠ Warning	indentation	Indentation	'if' has incorrect indentation level 8, expected level should be 4.	53
⚠ Warning	indentation	Indentation	'if' child has incorrect indentation level 12, expected level should be 6.	54
⚠ Warning	indentation	Indentation	'if rcurly' has incorrect indentation level 8, expected level should be 4.	55
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	56
⚠ Warning	indentation	Indentation	'method def rcurly' has incorrect indentation level 4, expected level should be 2.	57
⚠ Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	59
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	61
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	64
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	65
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	68
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	69
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	70
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	73
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	76
⚠ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	79
⚠ Warning	indentation	Indentation	'try' has incorrect indentation level 12, expected level should be 10.	80
⚠ Warning	indentation	Indentation	'try' child has incorrect indentation level 16, expected level should be 12.	81
⚠ Warning	indentation	Indentation	'try' child has incorrect indentation level 16, expected level should be 12.	82

Warning	indentation	Indentation	'if' has incorrect indentation level 16, expected level should be 12.	84
Warning	indentation	Indentation	'if' child has incorrect indentation level 20, expected level should be 14.	85
Warning	indentation	Indentation	'if' child has incorrect indentation level 20, expected level should be 14.	86
Warning	indentation	Indentation	'if rcurly' has incorrect indentation level 16, expected level should be 12.	87
Warning	indentation	Indentation	'try' child has incorrect indentation level 16, expected level should be 12.	89
Warning	indentation	Indentation	'try' child has incorrect indentation level 16, expected level should be 12.	90
Warning	indentation	Indentation	'try' child has incorrect indentation level 16, expected level should be 12.	91
Warning	indentation	Indentation	'try rcurly' has incorrect indentation level 12, expected level should be 10.	92
Warning	indentation	Indentation	'catch' child has incorrect indentation level 16, expected level should be 12.	93
Warning	indentation	Indentation	'catch rcurly' has incorrect indentation level 12, expected level should be 10.	94
Warning	indentation	Indentation	'catch' child has incorrect indentation level 16, expected level should be 12.	95
Warning	indentation	Indentation	'catch rcurly' has incorrect indentation level 12, expected level should be 10.	96
Warning	indentation	Indentation	'catch' child has incorrect indentation level 16, expected level should be 12.	97
Warning	indentation	Indentation	'catch rcurly' has incorrect indentation level 12, expected level should be 10.	98
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	102
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	103
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	104
Warning	indentation	Indentation	'method call rparen' has incorrect indentation level 8, expected level should be 4.	110
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	112
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	113
Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	114
Warning	indentation	Indentation	'method def rcurly' has incorrect indentation level 4, expected level should be 2.	115

com/example/sep/TanCalc_D1.java

| Severity | Category | Rule | Message | Line |

⚠️ Warning	whitespace	EmptyLineSeparator	'import' should be separated from previous line.	2
⚠️ Warning	javadoc	MissingJavadocType	Missing a Javadoc comment.	4
⚠️ Warning	naming	TypeName	Type name 'TanCalc_D1' must match pattern '^[A-Z][a-zA-Z0-9]*$'.	4
⚠️ Warning	indentation	Indentation	'method def modifier' has incorrect indentation level 4, expected level should be 2.	5
⚠️ Warning	javadoc	MissingJavadocMethod	Missing a Javadoc comment.	5
⚠️ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	6
⚠️ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	8
⚠️ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	9
⚠️ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	10
⚠️ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	12
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⚠️ Warning	indentation	Indentation	'if' child has incorrect indentation level 12, expected level should be 6.	18
⚠️ Warning	indentation	Indentation	'if rcurly' has incorrect indentation level 8, expected level should be 4.	19
⚠️ Warning	indentation	Indentation	'if' child has incorrect indentation level 12, expected level should be 6.	20
⚠️ Warning	indentation	Indentation	'if rcurly' has incorrect indentation level 8, expected level should be 4.	21
⚠️ Warning	indentation	Indentation	'else' child has incorrect indentation level 12, expected level should be 6.	22
⚠️ Warning	indentation	Indentation	'else' child has incorrect indentation level 12, expected level should be 6.	23
⚠️ Warning	indentation	Indentation	'else' child has incorrect indentation level 12, expected level should be 6.	24
⚠️ Warning	indentation	Indentation	'else rcurly' has incorrect indentation level 8, expected level should be 4.	25
⚠️ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	28
⚠️ Warning	naming	LocalVariableName	Local variable name 'ValueOfCos' must match pattern '^[a-z]([a-z0-9][a-zA-Z0-9]*)?$'.	28
⚠️ Warning	indentation	Indentation	'if' has incorrect indentation level 8, expected level should be 4.	29

⚠️ Warning	indentation	Indentation	'if' child has incorrect indentation level 12, expected level should be 6.	30
⚠️ Warning	indentation	Indentation	'if rcurly' has incorrect indentation level 8, expected level should be 4.	31
⚠️ Warning	indentation	Indentation	'else' child has incorrect indentation level 12, expected level should be 6.	32
⚠️ Warning	naming	LocalVariableName	Local variable name 'ValueOfTan' must match pattern '^[a-z]([a-z0-9][a-zA-Z0-9]*)?$'.	32
⚠️ Warning	indentation	Indentation	'else' child has incorrect indentation level 12, expected level should be 6.	33
⚠️ Warning	indentation	Indentation	'else rcurly' has incorrect indentation level 8, expected level should be 4.	34
⚠️ Warning	indentation	Indentation	'method def' child has incorrect indentation level 8, expected level should be 4.	36
⚠️ Warning	indentation	Indentation	'method def rcurly' has incorrect indentation level 4, expected level should be 2.	37