

Defect Summary - Rule Report

This report was generated at Nov 19, 2020 09:37 AM

Project Name	T2
Project Key	EXAM1
Description	
Analysis	# 13
Analysis Date	Nov 19, 2020 09:33 AM

Rule	RuleSet	Description	Defect	
			Remaining	Suppressed
S101	Java default ruleset	Class names should comply with a naming convention	0	1
S110	Java default ruleset	Inheritance tree of classes should not be too deep	0	11
S114	Java default ruleset	Interface names should comply with a naming convention	0	1
S116	Java default ruleset	Field names should comply with a naming convention	0	47
S117	Java default ruleset	Local variable and method parameter names should comply with a naming convention	0	18
S125	Java default ruleset	Sections of code should not be commented out	0	5
S1066	Java default ruleset	Collapsible "if" statements should be merged	0	5
S1068	Java default ruleset	Unused "private" fields should be removed	0	7
S1104	Java default ruleset	Class variable fields should not have public accessibility	0	48
S1117	Java default ruleset	Local variables should not shadow class fields	0	12
S1124	Java default ruleset	Modifiers should be declared in the correct order	0	1
S1128	Java default ruleset	Unnecessary imports should be removed	0	1

Rule	RuleSet	Description	Defect	
			Remaining	Suppressed
S1161	Java default ruleset	"@Override" should be used on overriding and implementing methods	0	3
S1170	Java default ruleset	Public constants and fields initialized at declaration should be "static final" rather than merely "final"	0	3
S1172	Java default ruleset	Unused method parameters should be removed	0	2
S1185	Java default ruleset	Overriding methods should do more than simply call the same method in the super class	0	1
S1186	Java default ruleset	Methods should not be empty	0	7
S1192	Java default ruleset	String literals should not be duplicated	0	2
S1301	Java default ruleset	"switch" statements should have at least 3 "case" clauses	0	1
S1319	Java default ruleset	Declarations should use Java collection interfaces such as "List" rather than specific implementation classes such as "LinkedList"	0	4
S1450	Java default ruleset	Private fields only used as local variables in methods should become local variables	0	12
S1481	Java default ruleset	Unused local variables should be removed	0	13
S1604	Java default ruleset	Anonymous inner classes containing only one method should become lambdas	0	1
S1659	Java default ruleset	Multiple variables should not be declared on the same	0	14
S1854	Java default ruleset	Dead stores should be removed	0	5
S1874	Java default ruleset	"@Deprecated" code should not be used	0	88
S2095	Java default ruleset	Resources should be closed	0	1
S2176	Java default ruleset	Class names should not shadow interfaces or	0	1
S2209	Java default ruleset	"static" members should be accessed statically	0	3
S2589	Java default ruleset	Boolean expressions should not be gratuitous	0	2
S2696	Java default ruleset	Instance methods should not write to "static" fields	0	2
S3008	Java default ruleset	Static non - final field names should comply with a naming convention	0	1
S3027	Java default ruleset	String function use should be optimized for single	0	1

Rule	RuleSet	Description	Defect	
			Remaining	Suppressed
S3252	Java default ruleset	"static" base class members should not be accessed via derived types	0	24
S3776	Java default ruleset	Cognitive Complexity of methods should not be too high	0	6
S4274	Java default ruleset	Asserts should not be used to check the parameters of a public method	0	2
S5411	Java default ruleset	Boxed "Boolean" should be avoided in boolean	0	1