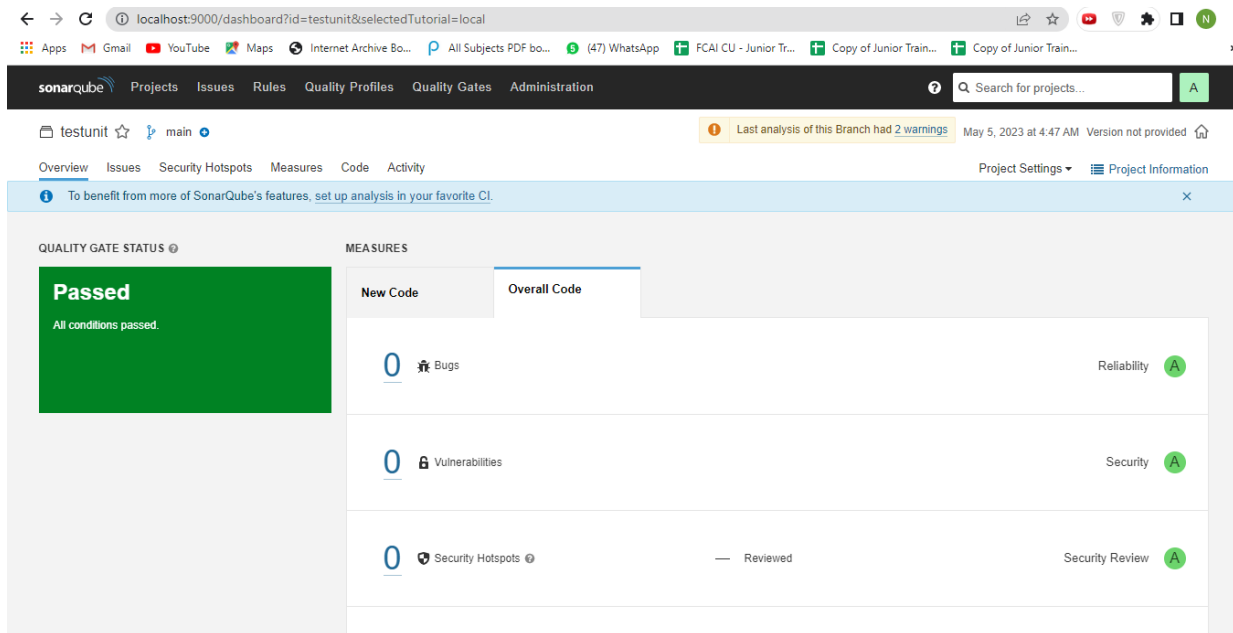
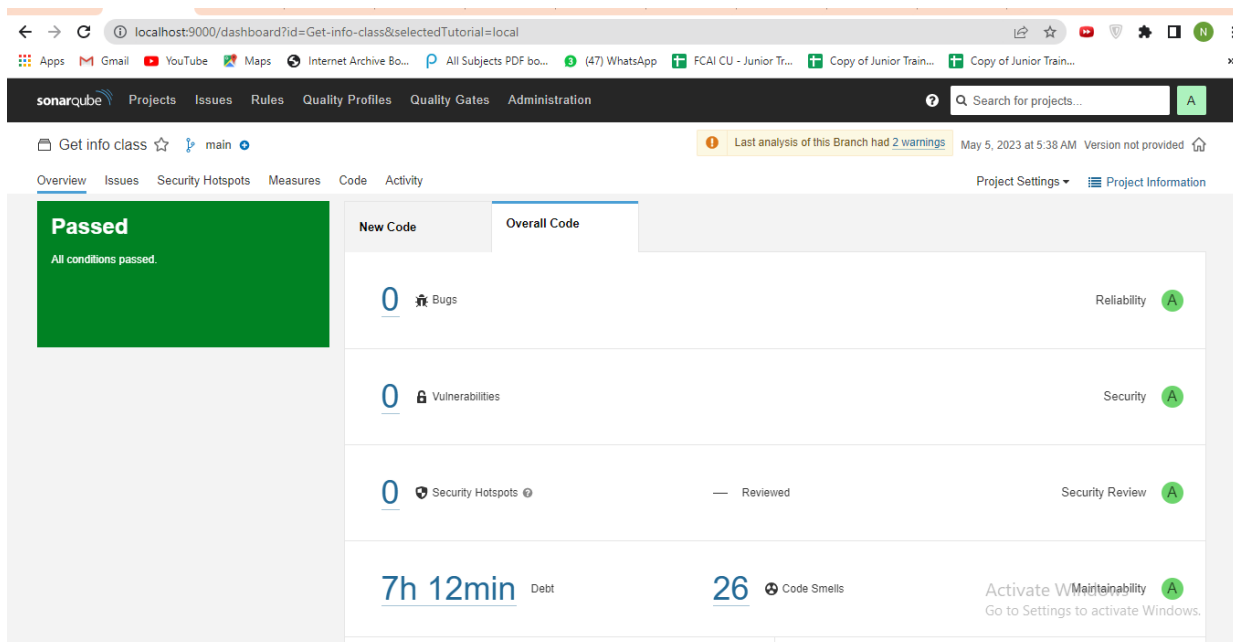


# RESULTS OF THE STATIC Analysis TOOL(SONARQUBE)

## Analysis for check courses.java class



## Analysis for GetInfo.java class (passed with 26 code smell)



localhost:9000/project/issues?id=Get-info-class&resolved=false

sonarqube Projects Issues Rules Quality Profiles Quality Gates Administration

Get info class main

Last analysis of this Branch had 2 warnings May 5, 2023 at 5:38 AM Version not provided

Overview Issues Security Hotspots Measures Code Activity

Project Settings Project Information

1 / 26 issues 7h 12min effort

Filters

Issues in new code

Type

- Bug 0
- Vulnerability 0
- Code Smell 26

Severity

- Blocker 0
- Critical 1
- Major 5
- Minor 20
- Info 0

Scope

Resolution

Status

Downloads/.../online/sectioning/basic/GetInfo.java

Refactor this method to reduce its Cognitive Complexity from 302 to the 15 allowed. 3 minutes ago L101

Code Smell Critical Open Not assigned 4h52min effort Comment

Replace the type specification in this constructor call with the diamond operator ("<>"). (sonar.java.source not set. Assuming 7 or greater.) 3 minutes ago L102

Code Smell Minor Open Not assigned 1min effort Comment

Replace the type specification in this constructor call with the diamond operator ("<>"). (sonar.java.source not set. Assuming 7 or greater.) 3 minutes ago L106

Code Smell Minor Open Not assigned 1min effort Comment

Replace the synchronized class "Hashtable" by an unsynchronized one such as "HashMap". 3 minutes ago L107

Code Smell Major Open Not assigned 20min effort Comment

Replace the type specification in this constructor call with the diamond operator ("<>"). (sonar.java.source not set. Assuming 7 or greater.) 3 minutes ago L107

Code Smell Minor Open Not assigned 1min effort Comment

Replace the type specification in this constructor call with the diamond operator ("<>"). (sonar.java.source not set. Assuming 7 or greater.) 3 minutes ago L108

Code Smell Minor Open Not assigned 1min effort Comment

## Analysis for ListCourseOfferings.java

localhost:9000/dashboard?id=list-course&selectedTutorial=local

sonarqube Projects Issues Rules Quality Profiles Quality Gates Administration

list course main

Last analysis of this Branch had 2 warnings May 5, 2023 at 5:46 AM Version not provided

Overview Issues Security Hotspots Measures Code Activity

Project Settings Project Information

QUALITY GATE STATUS

Passed

All conditions passed.

MEASURES

New Code Overall Code

0 Bugs Reliability A

0 Vulnerabilities Security A

0 Security Hotspots Security Review A

3h 4min Debt 21 Code Smells Maintainability A

localhost:9000/project/issues?id=list-course&resolved=false

sonarqube Projects Issues Rules Quality Profiles Quality Gates Administration

list course main

Overview Issues Security Hotspots Measures Code Activity

My Issues All

Filters

Issues in new code

Type

- Bug 0
- Vulnerability 0
- Code Smell 21

Severity

- Blocker 0
- Critical 7
- Major 5
- Minor 9
- Info 0

Scope

Resolution

Status

1 / 21 issues 3h 4min effort

Downloads/.../onlinectioning/basic/ListCourseOfferings.java

Refactor this method to reduce its Cognitive Complexity from 88 to the 15 allowed. 2 minutes ago L98

This branch's code block is the same as the block for the branch on line 114. 2 minutes ago L116

Replace the type specification in this constructor call with the diamond operator ("<>"). (sonar.java.source not set. Assuming 7 or greater.) 2 minutes ago L120

Replace the type specification in this constructor call with the diamond operator ("<>"). (sonar.java.source not set. Assuming 7 or greater.) 2 minutes ago L132

Replace the type specification in this constructor call with the diamond operator ("<>"). (sonar.java.source not set. Assuming 7 or greater.) 2 minutes ago L148

Replace the type specification in this constructor call with the diamond operator ("<>"). (sonar.java.source not set. Assuming 7 or greater.) 2 minutes ago L179

## Analysis for ListCourseOfferings.java

localhost:9000/dashboard?id=list-classes&selectedTutorial=list

sonarqube Projects Issues Rules Quality Profiles Quality Gates Administration

list classes main

Overview Issues Security Hotspots Measures Code Activity

QUALITY GATE STATUS

MEASURES

Passed

All conditions passed.

New Code Overall Code

0 Bugs Reliability A

0 Vulnerabilities Security A

0 Security Hotspots Reviewed Security Review A

3h 52min Debt 9 Code Smells Maintainability A

localhost:9000/project/issues?id=list-classes&resolved=false

sonarqube Projects Issues Rules Quality Profiles Quality Gates Administration

list classes main

Last analysis of this Branch had 2 warnings May 5, 2023 at 5:52 AM Version not provided

Overview Issues Security Hotspots Measures Code Activity

Project Settings Project Information

My Issues All

Filters

Issues in new code

Type

- Bug 0
- Vulnerability 0
- Code Smell 9

Severity

- Blocker 0
- Critical 2
- Major 1
- Minor 6
- Info 0

Scope

Resolution

Status

Bulk Change

1 / 9 issues 3h 52min effort

Downloads/.../onlinesectioning/basic/ListClasses.java

- ☐ Rename this field "MSG" to match the regular expression `^[a-z][a-zA-Z0-9]*$`. 39 seconds ago L59 convention
- ☐ Refactor this method to reduce its Cognitive Complexity from 41 to the 15 allowed. 39 seconds ago L92 brain-overload
- ☐ Reduce the total number of break and continue statements in this loop to use at most one. 39 seconds ago L96 brain-overload
- ☐ Replace this if-then-else statement by a single return statement. 39 seconds ago L121 clumsy
- ☐ Refactor this method to reduce its Cognitive Complexity from 126 to the 15 allowed. 39 seconds ago L126 brain-overload
- ☐ Replace the type specification in this constructor call with the diamond operator (`<>`). (sonar.java.source not set. Assuming 7 or greater.) 39 seconds ago L127 clumsy

Activate Windows. Go to Settings to activate Windows.