>>> Flora clinic >>>

Student Name in English	Section	Work percentage
AYA AYMAN QUBBAJ	10-11	33.33%
LEEN AYMAN HODALLY	10-11	33.33%
SUHA SAMER MANSUR	8-9:30	33.33%

All the team work together by meeting on zoom app.

>>> Flora clinic >>>

Welcome to OUR FLORA CLINIC and we are happy for being one of our family … hoping that you are always in a good health.

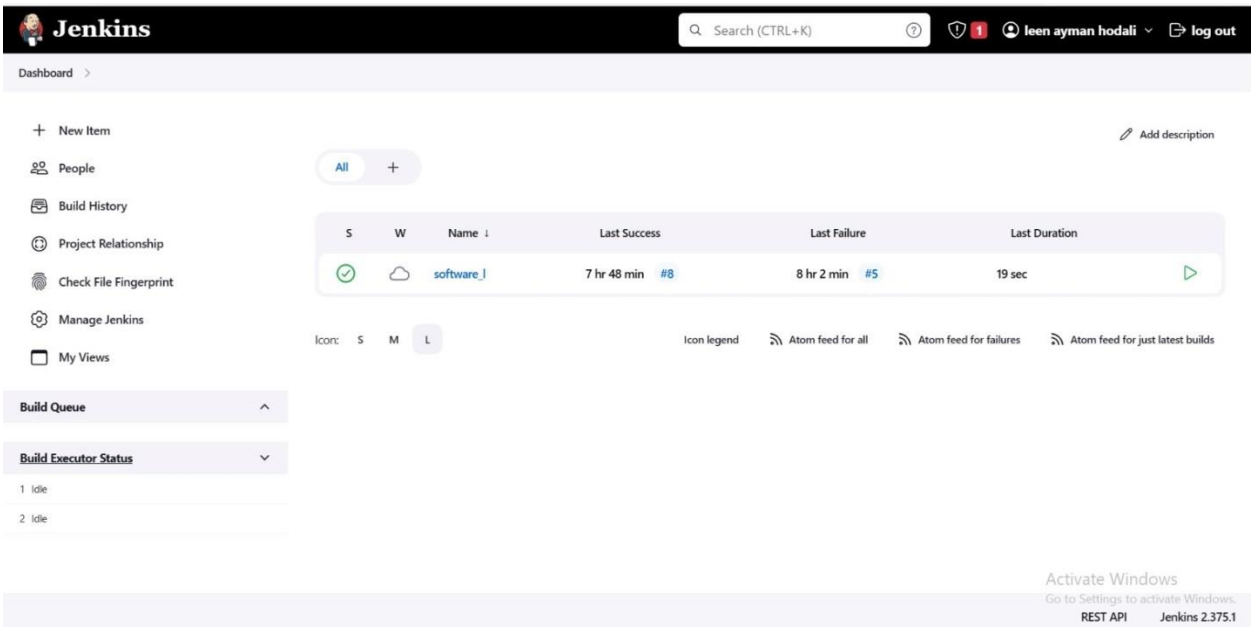
->Some information about our clinic:

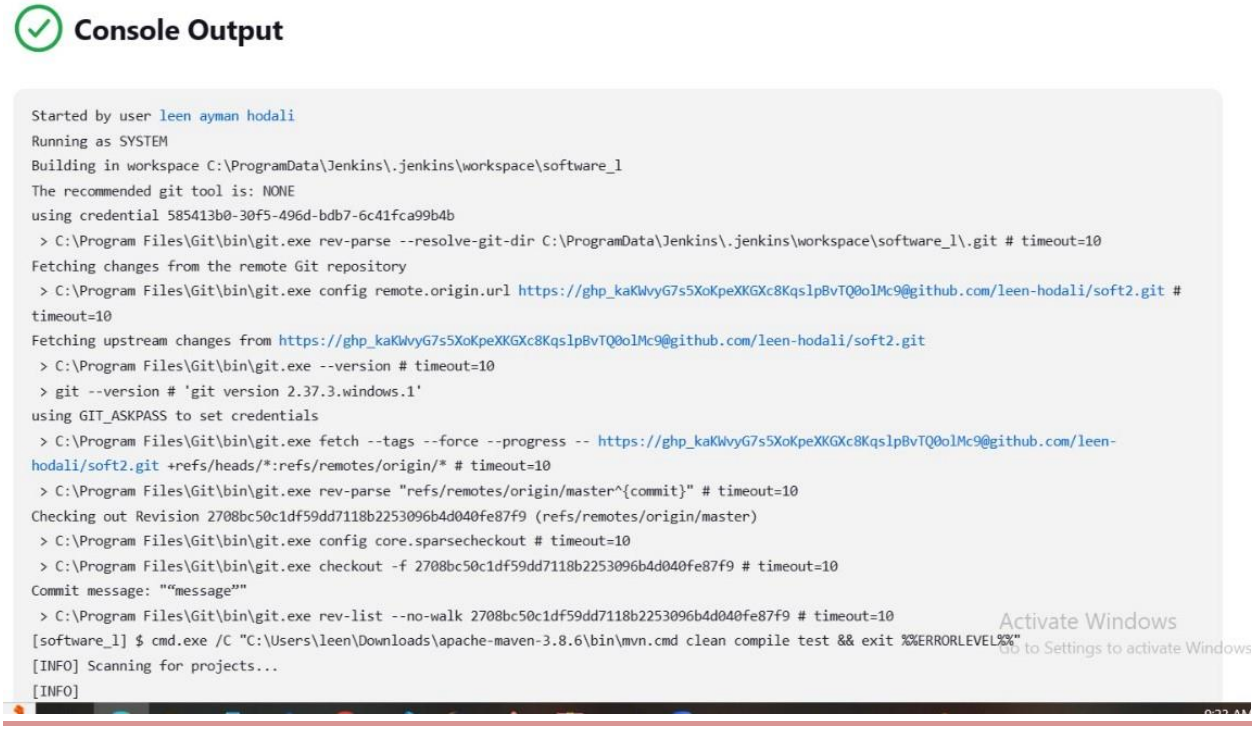
Flora Clinic

Under the supervision doctor Mohamed Abo Obaid

Our successful story:
The benefits since I have had the treatment is that I'm able to eat without fear of anything falling out,my teeth are all well fixed, the fillings are always well done and never give me a problem, so as it were I enjoy eating with my teeth.

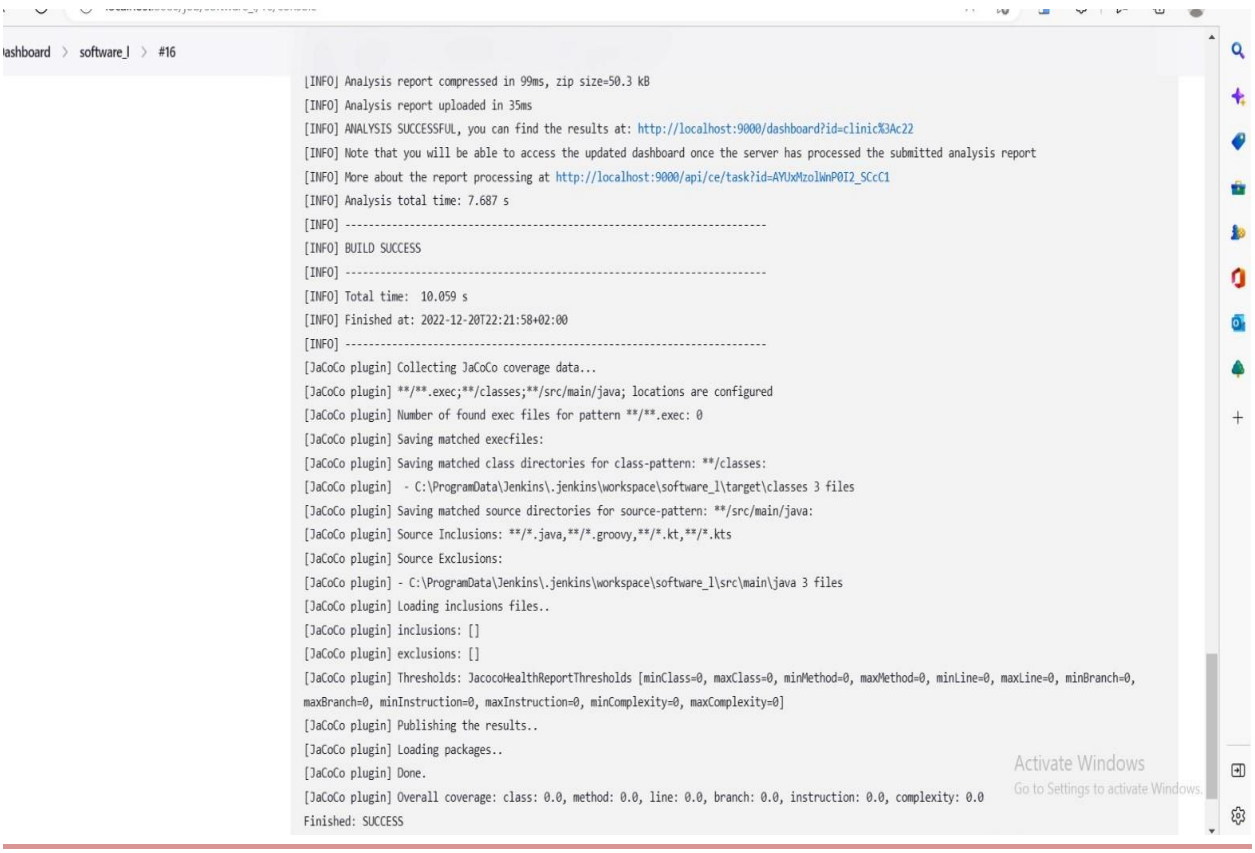
-After apply the tutorial Jenkins on our project





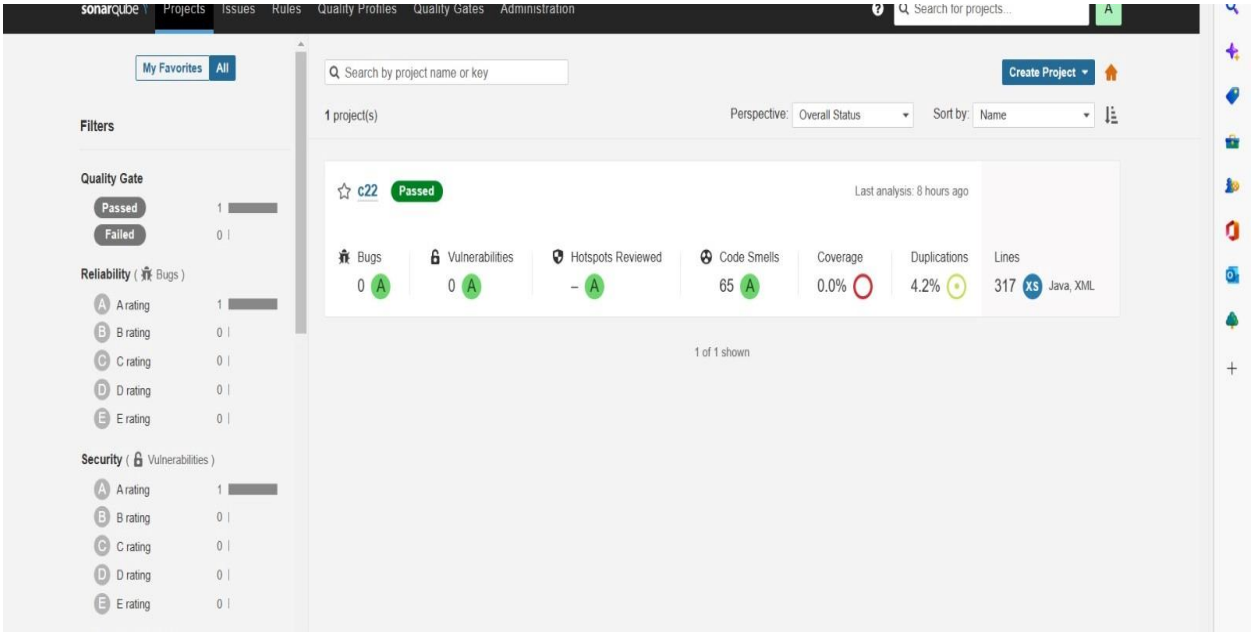
-After apply the tutorial sonarqube on our project

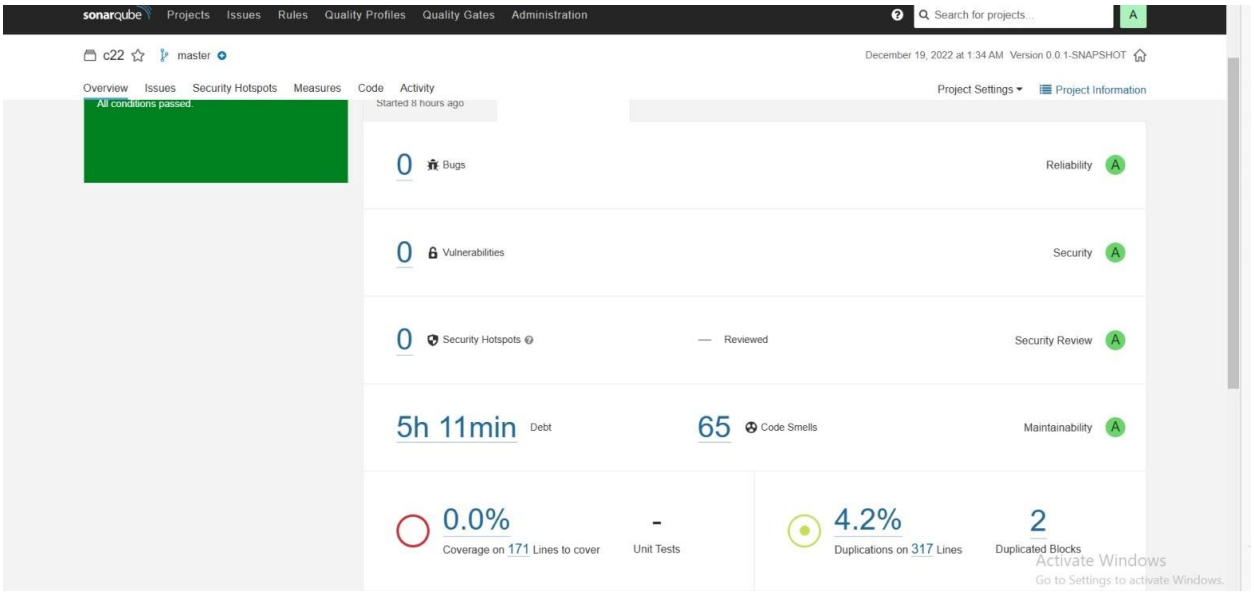
- **Console Output done and success.**



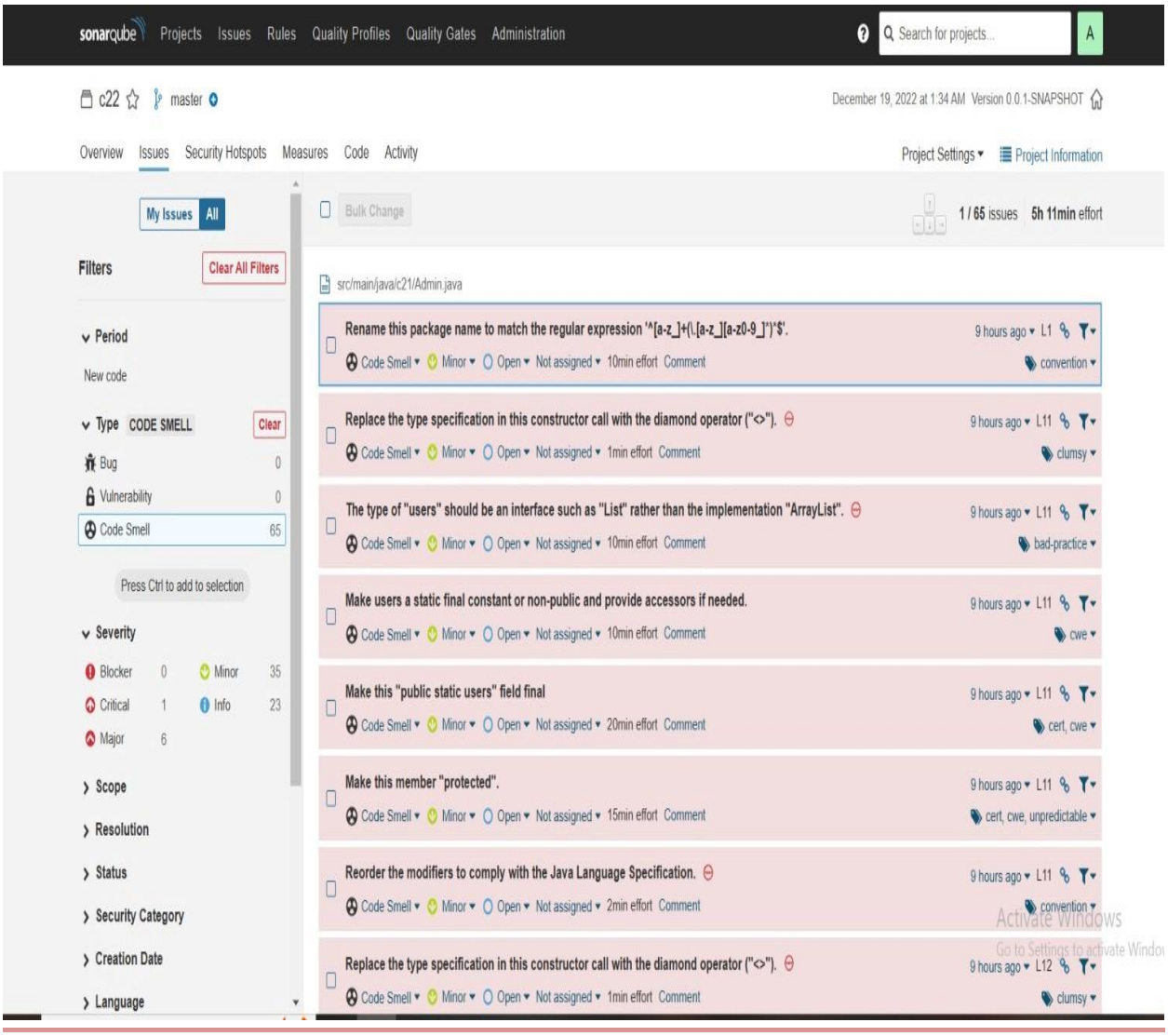
-After apply the first sonarqube on our project

->Without coverage



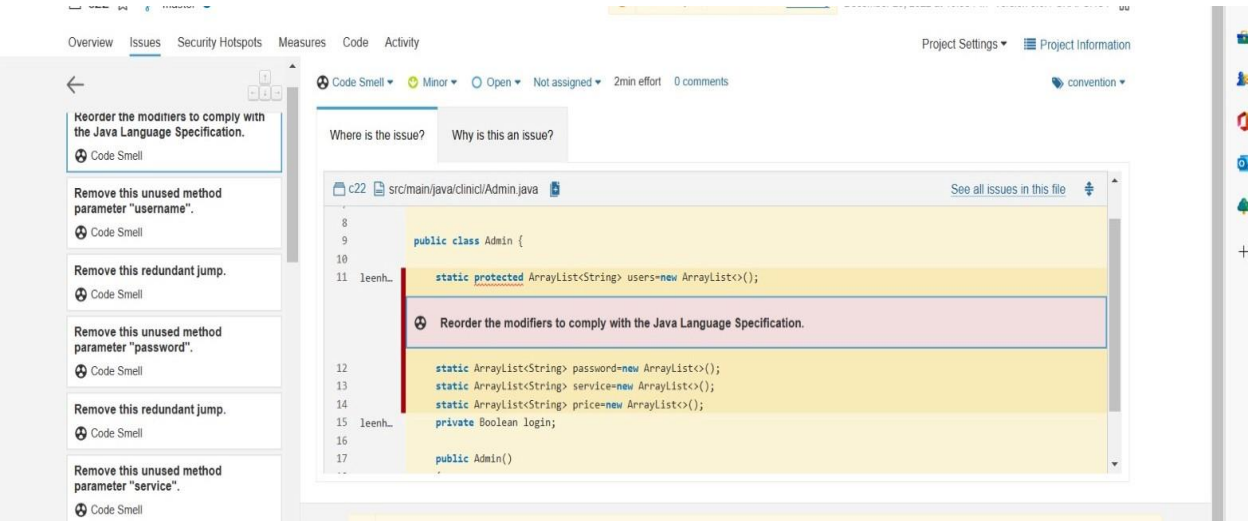


Code Bad smells

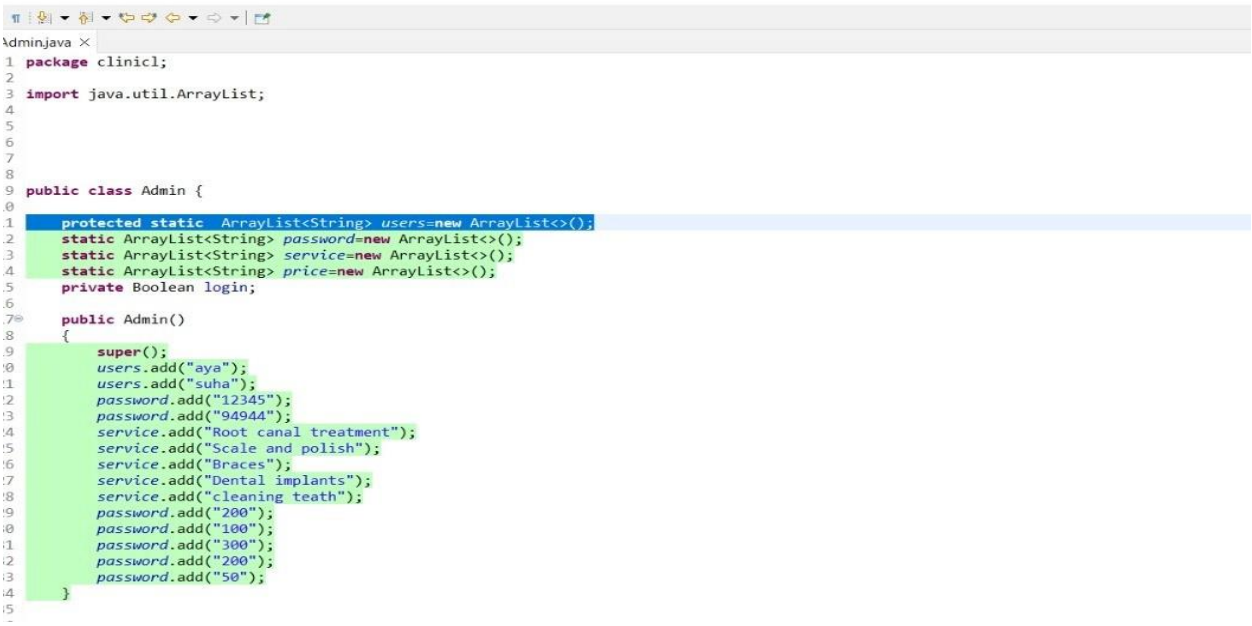


->An example on bad smell and the solution for it:

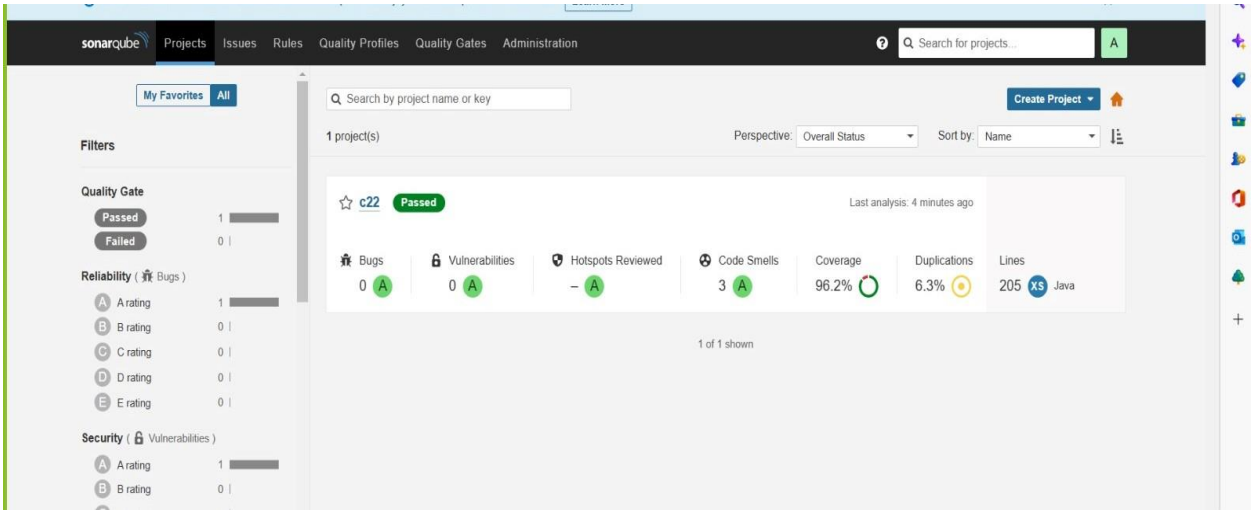
->bad smell:



->The solution:



After edit on code to reduce the bad smells



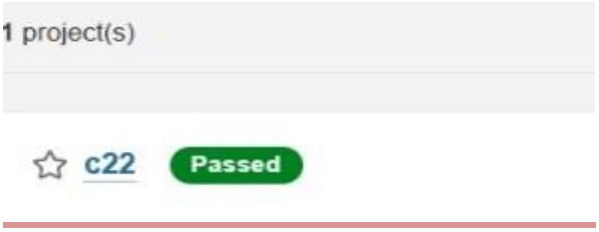
It became a 3 bad smells just.

And the coverage passed.

-After apply the tutorial jacoco on our project

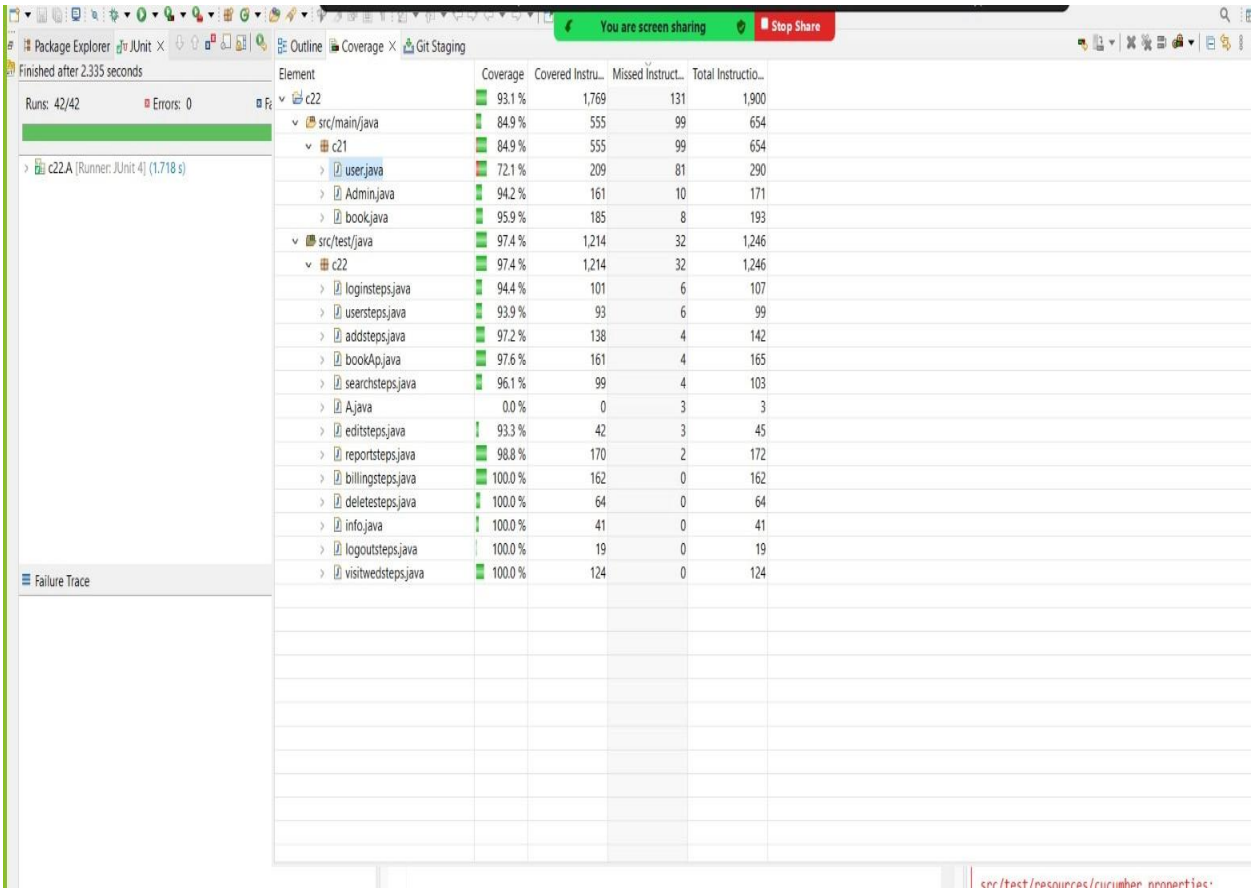
Console Output done and success.

```
[INFO] Building jar: C:\ProgramData\Jenkins\.jenkins\workspace\software_1\target\c22-0.0.1-SNAPSHOT.jar
[INFO]
[INFO] --- jacoco-maven-plugin:0.8.8:prepare-agent (prepare-agent) @ c22 ---
[INFO] itCoverageAgent set to -javaagent:C:\\WINDOWS\\system32\\config\\systemprofile\\.m2\\repository\\org\\jacoco\\org.jacoco.agent\\0.8.8\\org.jacoco.agent-0.8.8-
runtime.jar=destfile=C:\\ProgramData\\Jenkins\\.jenkins\\workspace\\software_1\\target\\jacoco.exec
[INFO]
[INFO] --- maven-install-plugin:2.4:install (default-install) @ c22 ---
[INFO] Installing C:\ProgramData\Jenkins\.jenkins\workspace\software_1\target\c22-0.0.1-SNAPSHOT.jar to C:\WINDOWS\system32\config\systemprofile\.m2\repository\clinic\c22\0.0.1-SNAPSHOT\c22-0.0.1-SNAPSHOT.jar
[INFO] Installing C:\ProgramData\Jenkins\.jenkins\workspace\software_1\pom.xml to C:\WINDOWS\system32\config\systemprofile\.m2\repository\clinic\c22\0.0.1-SNAPSHOT\c22-0.0.1-SNAPSHOT.pom
[INFO]
[INFO] --- jacoco-maven-plugin:0.8.8:report (default-cli) @ c22 ---
[INFO] Skipping JaCoCo execution due to missing execution data file.
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  3.119 s
[INFO] Finished at: 2022-12-20T22:13:44+02:00
[INFO] ------------------------------------------------------------------------
[JaCoCo plugin] Collecting JaCoCo coverage data...
[JaCoCo plugin] **/**.exec;**/classes;**/src/main/java; locations are configured
[JaCoCo plugin] Number of found exec files for pattern **/**.exec: 0
[JaCoCo plugin] Saving matched execfiles:
[JaCoCo plugin] Saving matched class directories for class-pattern: **/classes:
[JaCoCo plugin]  - C:\ProgramData\Jenkins\.jenkins\workspace\software_1\target\classes 3 files
[JaCoCo plugin] Saving matched source directories for source-pattern: **/src/main/java:
[JaCoCo plugin] Source Inclusions: **/*.java,**/*.groovy,**/*.kt,**/*.kts
[JaCoCo plugin] Source Exclusions:
[JaCoCo plugin] - C:\ProgramData\Jenkins\.jenkins\workspace\software_1\src\main\java 3 files
[JaCoCo plugin] Loading inclusions files..
[JaCoCo plugin] inclusions: []
[JaCoCo plugin] exclusions: []
[JaCoCo plugin] Thresholds: JacocoHealthReportThresholds [minClass=0, maxClass=0, minMethod=0, maxMethod=0, minLine=0, maxLine=0, minBranch=0, maxBranch=0, minInstruction=0, maxInstruction=0, minComplexity=0,
maxComplexity=0]
[JaCoCo plugin] Publishing the results..
[JaCoCo plugin] Loading packages..
[JaCoCo plugin] Done.
[JaCoCo plugin] Overall coverage: class: 0.0, method: 0.0, line: 0.0, branch: 0.0, instruction: 0.0, complexity: 0.0
Finished: SUCCESS
```



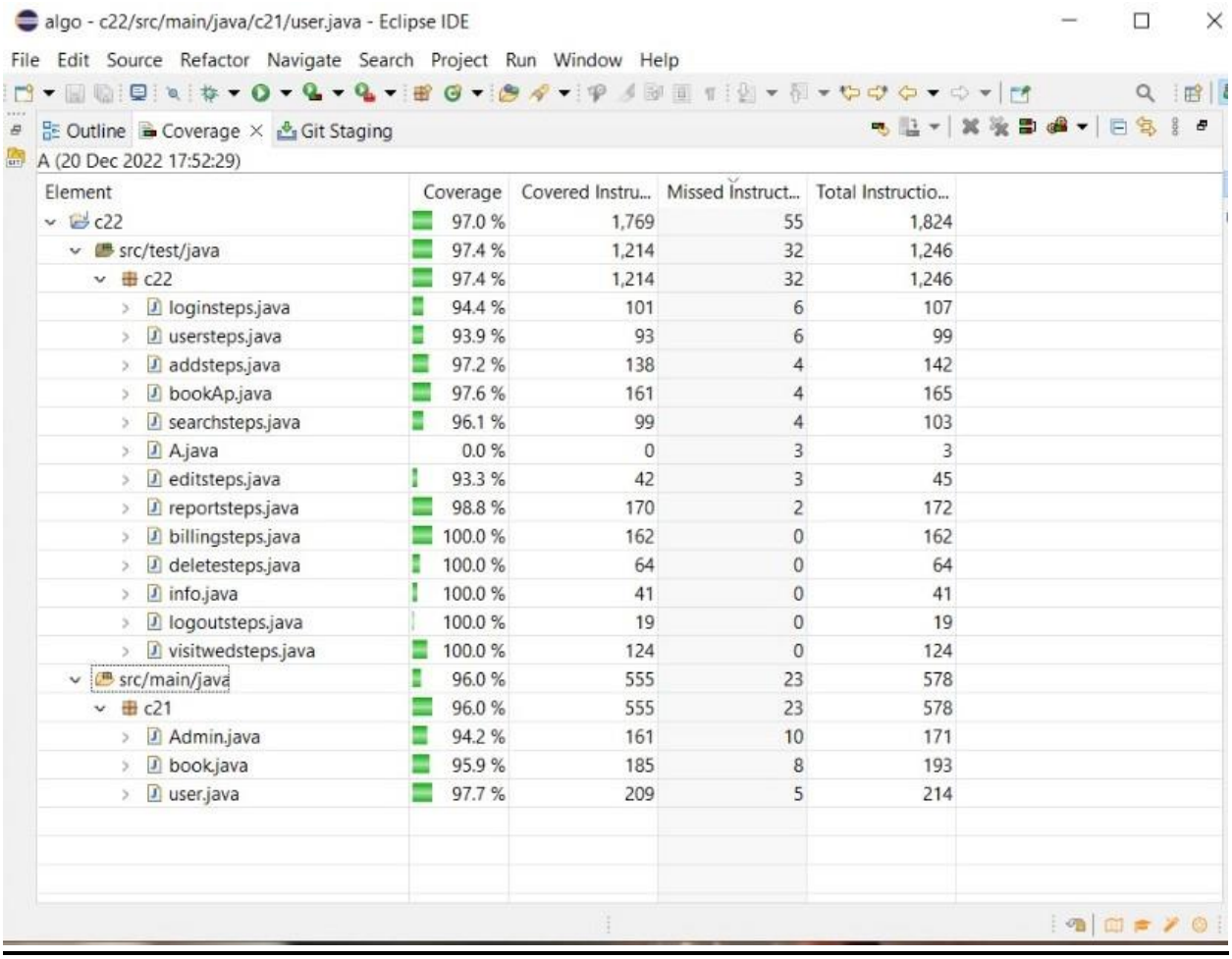
The coverage on eclipse

->first :before any edit



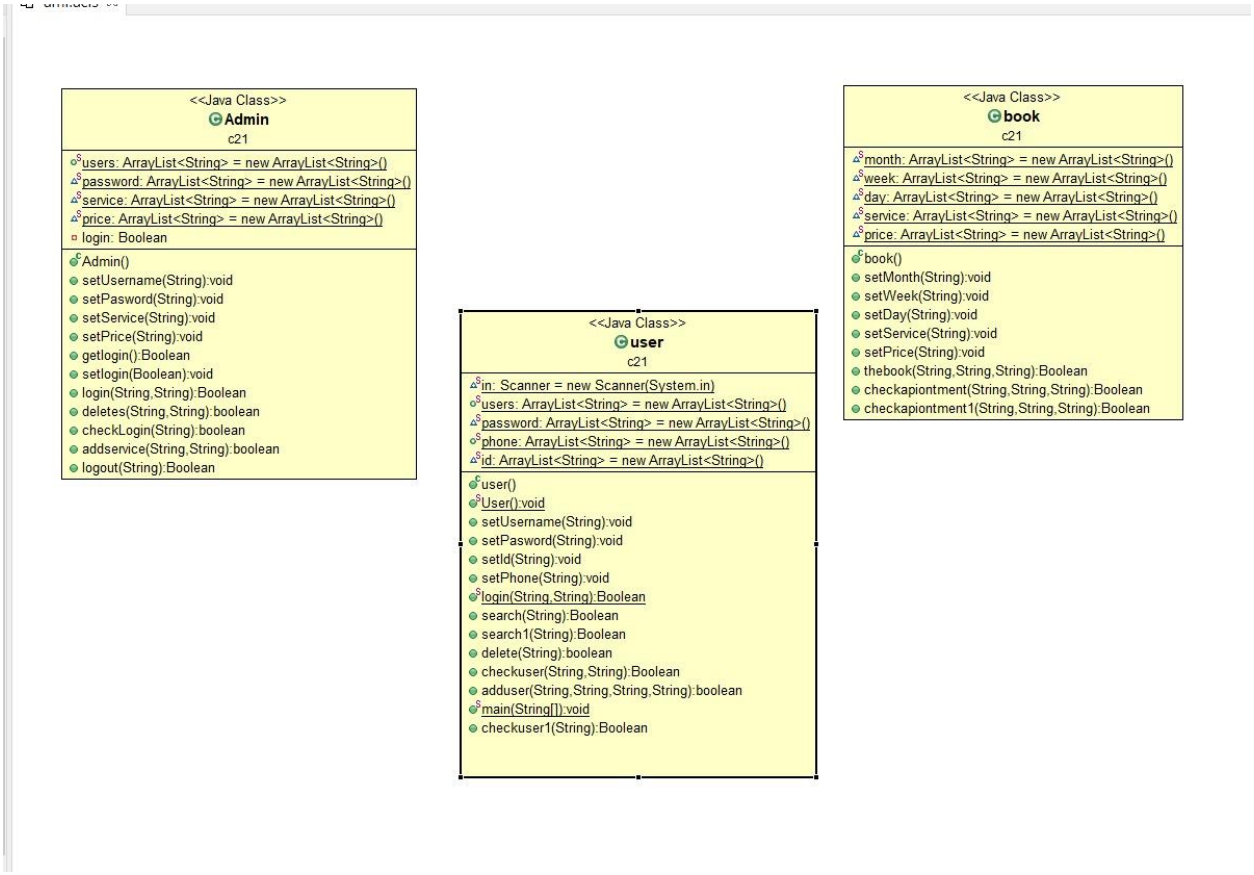
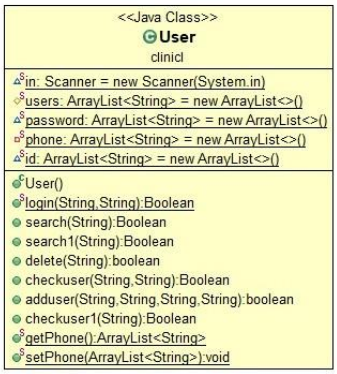
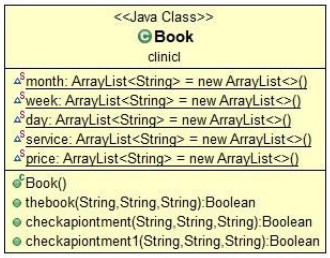
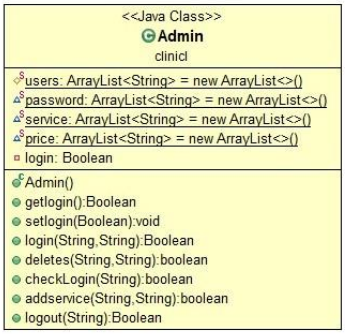
We make some edit on user.java which the coverage was 72.1% .

->second :after the edit



After the edit on user.java the coverage become 97.7% .

-Apply the uml on our project before any edit:



-Apply the uml on our project after edit: