>>> 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:

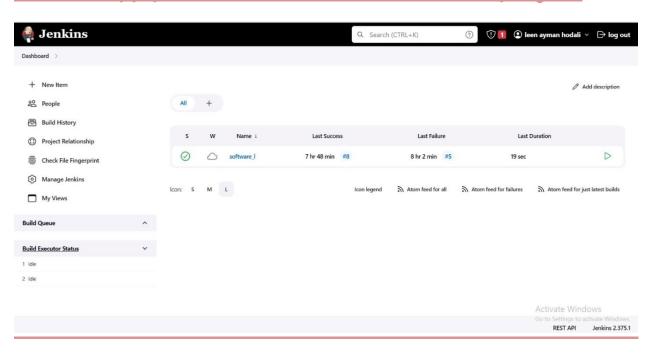
Flora Clinic

Under the supervision doctor Mohamed Abo Obaid

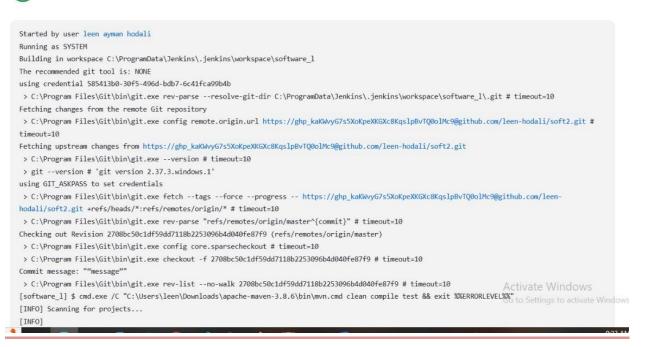
Our successful story:

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

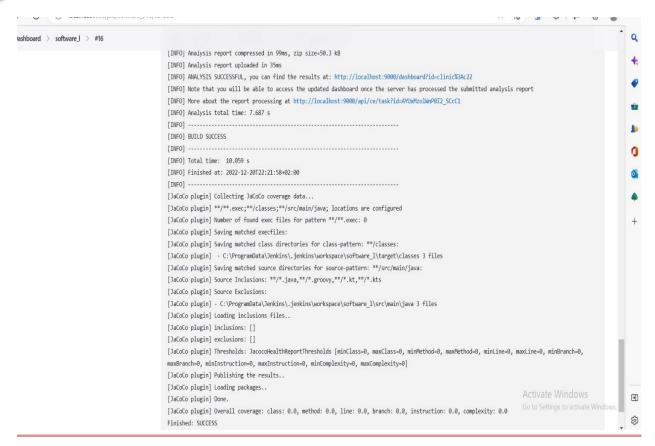


Onsole Output



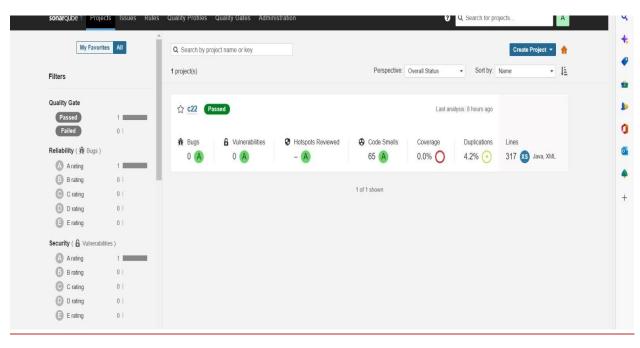
-After apply the tutorial sonarqube on our project

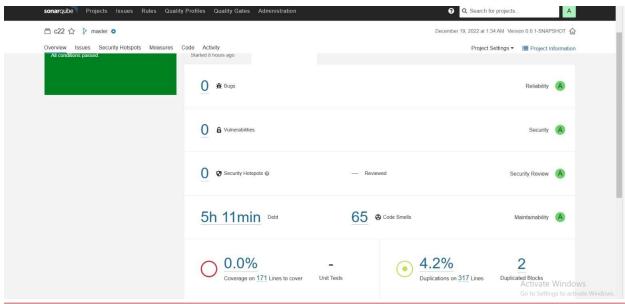
Console Output done and success.



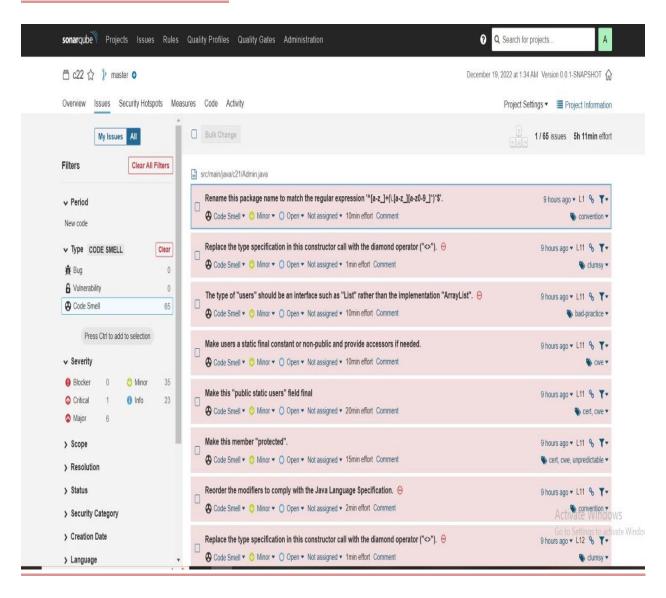
-After apply the first sonarqube on our project

->Without coverage





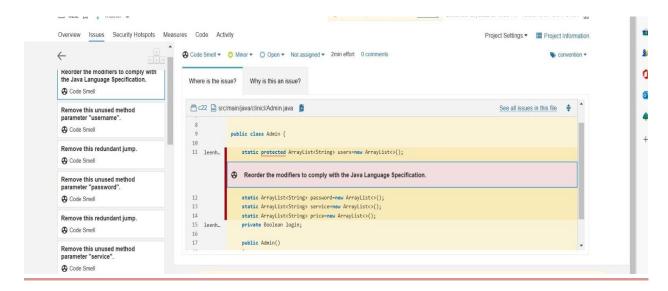
Code Bad smells



-> An example on bad smell and the solution for

it:

->bad smell:



-> The solution:

```
public class Admin {
    protected static AmonyList

public class Admin {
    protected static AmonyList

static ArrayList(String) users=new AmonyList

static ArrayList(String) password=new ArrayList

public Admin()

public Admin()

public Admin()

public Admin()

static ArrayList(String) price=new ArrayList

public Admin()

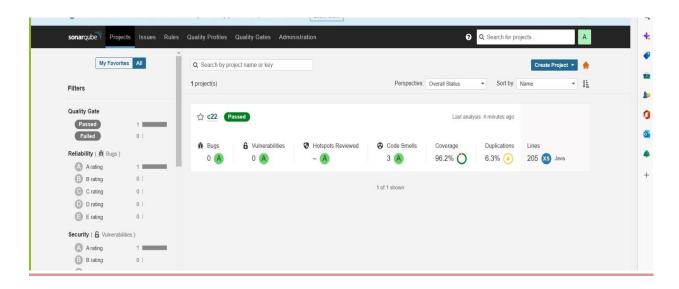
static ArrayList(String) price=new ArrayList

public Admin()

super();

users. add("aya");
users. add("suha");
password. add("1243");
password. add("1243");
service. add("Scale and polish");
service. add("Scale and polish");
service. add("Braces");
service. add("Dental implants");
service. add("Dental implants");
service. add("20");
password. add("120");
password. add("120");
password. add("20");
password. add("20"
```

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.

[inru] outsung jar: t: programmeta(usmann), jemanns morapace surtamer_1/target(t22-0.0.1-3mer3mu), jar
[INFO]
[INFO] jacoco-maven-plugin:0.8.8:prepare-agent (prepare-agent) @ c22
[INFO] itCoverageAgent set to -javaagent:C:\\MINDOMS\\system32\\config\\systemprofile\\.m2\\repository\\org\\jacoco\org.jacoco.agent\\0.8.8\\org.jacoco.agent\-0.8.8\\org.j
runtime.jar=destfile=C:\\ProgramData\\Jenkins\\.jenkins\\workspace\\software_l\\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:\WINDONS\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_l\pom.xml to C:\WINDOWS\system32\config\systemprofile\.m2\repository\clinic\c22\0.0.1-SNAPSHOT\c22-0.0.1-SNAPSHOT\c22-0.0.1-SNAPSHOT\c22-0.0.1-SNAPSHOT.pom
[INFO]
[INFO] jacoco-moven-plugin:0.8.8:report (default-cli) @ c22
[INFO] Skipping JaCoCo execution due to missing execution data file.
[INFO]
[INFO] BUILD SUCCESS
[1160]
[INFO] Total time: 3.119 s
[INFO] Finished at: 2022-12-20722:13:44+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\Jenkinsjenkins\workspace\software_l\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_l\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, minEnanch=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

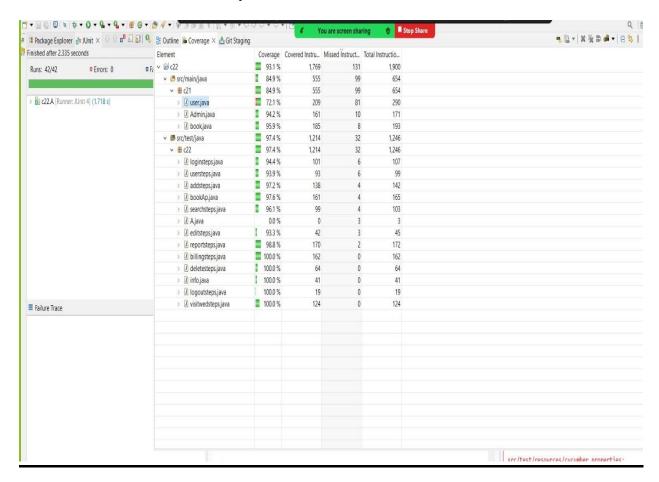
1 project(s)





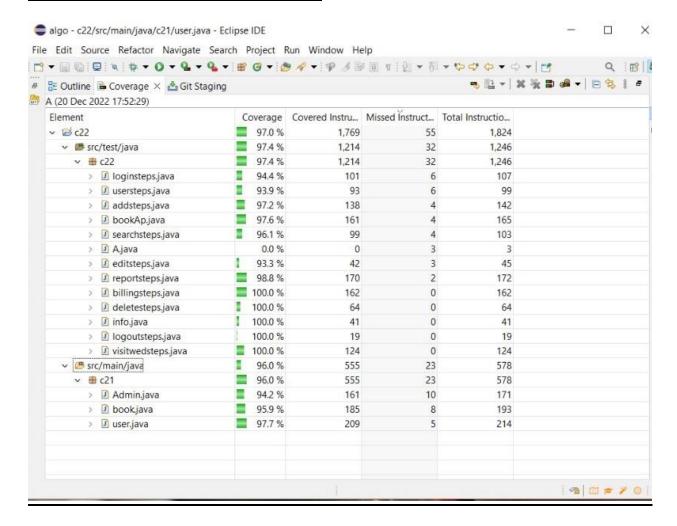
The coverage on eclipse

->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:

<<Java Class>> **Admin** c21 o^Susers: ArrayList<String> = new ArrayList<String>() ASpassword: ArrayList<String> = new ArrayList<String>() AS service: ArrayList<String> = new ArrayList<String>() asprice: ArrayList<String> = new ArrayList<String>() o login: Boolean o^cAdmin() setUsername(String):void setPasword(String):voidsetService(String):void setPrice(String):void getlogin():Boolean setlogin(Boolean):void o login(String,String):Boolean deletes(String, String):boolean o checkLogin(String):boolean addservice(String,String):boolean ● logout(String):Boolean

<<Java Class>> Guser c21 △^Sin: Scanner = new Scanner(System.in) o^Susers: ArrayList<String> = new ArrayList<String>() A[®]password: ArrayList<String> = new ArrayList<String>() o[®]phone: ArrayList<String> = new ArrayList<String>() A[®]id: ArrayList<String> = new ArrayList<String>() cuser() o Suser():void o setUsername(String):void setPasword(String):void setId(String):void setPhone(String):void Slogin(String, String): Boolean search(String):Boolean search1(String):Boolean delete(String):boolean checkuser(String,String):Boolean adduser(String, String, String, String): boolean Smain(String[]):void o checkuser1(String):Boolean

© book c21 △^Smonth: ArrayList<String> = new ArrayList<String>[) △^Sweek: ArrayList<String> = new ArrayList<String>[) △^Sday: ArrayList<String> = new ArrayList<String>[) △^Sday: ArrayList<String> = new ArrayList<String>[) △^Sprice: ArrayList<String> = new ArrayList<String>[) ④ book() ⑤ settMonth(String).void ⑤ settDay(String).void ⑥ setDay(String).void ⑥ setService(String).void ⑥ setService(String).void

thebook(String,String,String):Boolean
 checkapiontment(String,String,String):Boolean

checkapiontment1(String, String, String):Boolean

setPrice(String):void

<<Java Class>>

-Apply the uml on our project after edit:

<<Java Class>> **G**User

clinicl ^{aS}in: Scanner = new Scanner(System.in)

- susers: ArrayList<String> = new ArrayList<>()
- ^{aS}password: ArrayList<String> = new ArrayList<>()

CUser()

- Slogin(String, String):Boolean
 search(String):Boolean
- search1(String):Boolean
- delete(String):boolean
- checkuser(String,String):Boolean
 adduser(String,String,String,String):boolean
- o checkuser1(String):Boolean
- SgetPhone():ArrayList<String>
- SetPhone(ArrayList<String>):void

<<Java Class>> **Book**

clinicl

- ^{aS}month: ArrayList<String> = new ArrayList<>()
- ^{∆S}week: ArrayList<String> = new ArrayList<>()
- ^{aS}day: ArrayList<String> = new ArrayList<>() as service: ArrayList<String> = new ArrayList<>()
- ^{aS}price: ArrayList<String> = new ArrayList<>()

SBook()

- thebook(String,String,String):Boolean
 checkapiontment(String,String,String):Boolean

checkapiontment1(String, String, String):Boolean

<<Java Class>> **Admin**

clinic

- users: ArrayList<String> = new ArrayList<>()
- AS password: ArrayList<String> = new ArrayList<>()
 AS service: ArrayList<String> = new ArrayList<>()
- △Sprice: ArrayList<String> = new ArrayList<>()
- o login: Boolean

o^cAdmin()

- getlogin():Boolean
- setlogin(Boolean):void o login(String,String):Boolean
- deletes(String,String):booleancheckLogin(String):boolean
- addservice(String,String):boolean
- logout(String):Boolean