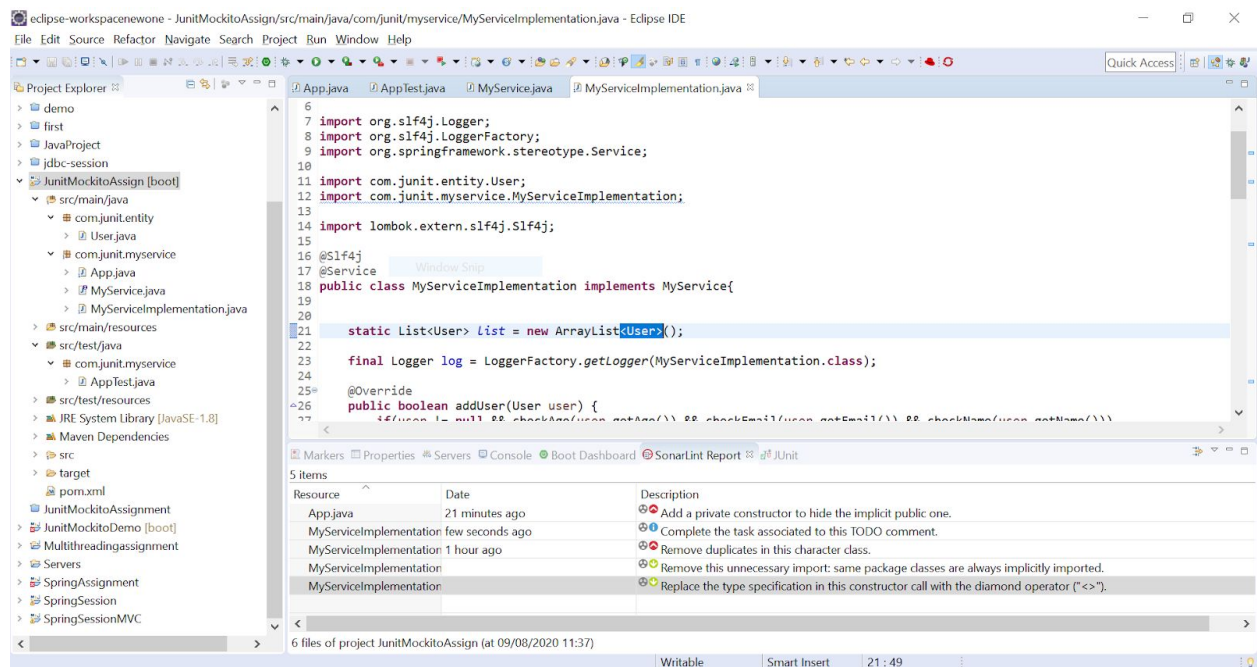


Sonarlint Report Before:



eclipse-workspace-newone - JUnitMockitoAssign/src/main/java/com/junit/myservice/MyServiceImpl.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer

- demo
- first
- JavaProject
- jdbc-session
- JUnitMockitoAssign [boot]
- src/main/java
 - com.junit.entity
 - User.java
 - com.junit.myservice
 - App.java
 - MyService.java
 - MyServiceImpl.java
- src/main/resources
- src/test/java
 - com.junit.myservice
 - AppTest.java
- src/test/resources
- JRE System Library [JavaSE-1.8]
- Maven Dependencies
- src
- target
- pom.xml

JUnitMockitoAssign

JUnitMockitoDemo [boot]

Multithreadingassignment

Servers

SpringAssignment

SpringSession

SpringSessionMVC

Markers Properties Servers Console Boot Dashboard SonarLint Report JUnit

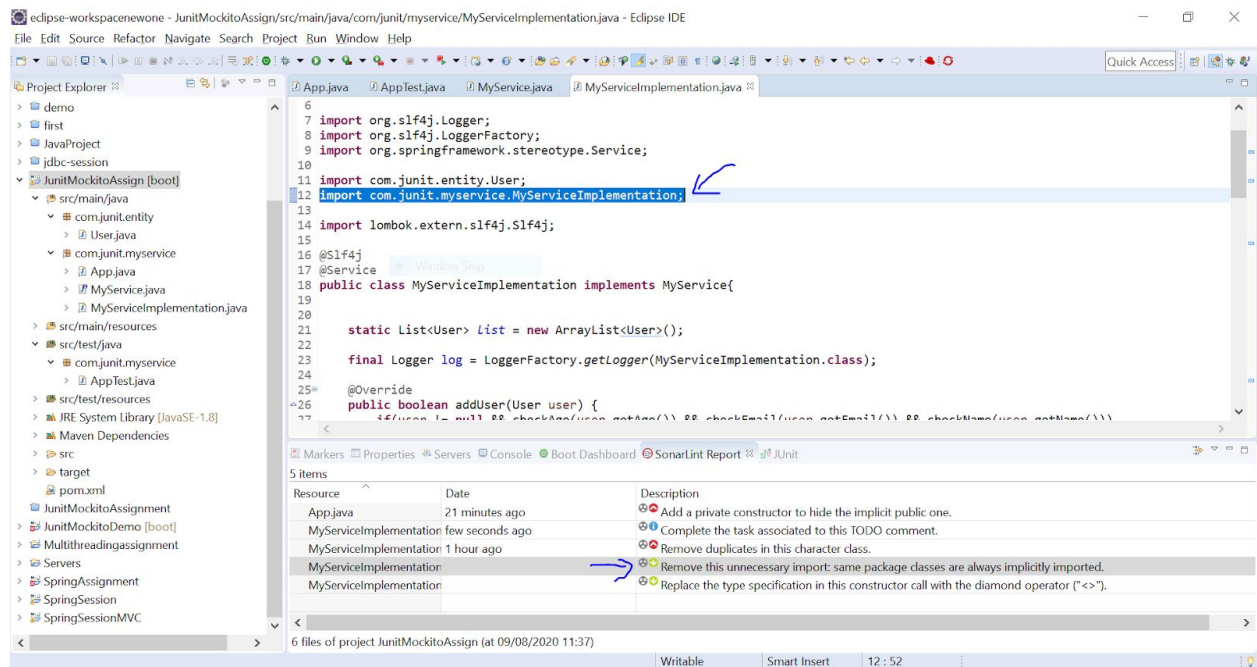
5 items

Resource	Date	Description
App.java	21 minutes ago	Add a private constructor to hide the implicit public one.
MyServiceImpl.java	few seconds ago	Complete the task associated to this TODO comment.
MyServiceImpl.java	1 hour ago	Remove duplicates in this character class.
MyServiceImpl.java		Remove this unnecessary import: same package classes are always implicitly imported.
MyServiceImpl.java		Replace the type specification in this constructor call with the diamond operator ("<>").

6 files of project JUnitMockitoAssign (at 09/08/2020 11:37)

Writable Smart Insert 21:49

1. Unnecessary import



eclipse-workspace-newone - JUnitMockitoAssign/src/main/java/com/junit/myservice/MyServiceImpl.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

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JUnitMockitoAssign

JUnitMockitoDemo [boot]

Multithreadingassignment

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Markers Properties Servers Console Boot Dashboard SonarLint Report JUnit

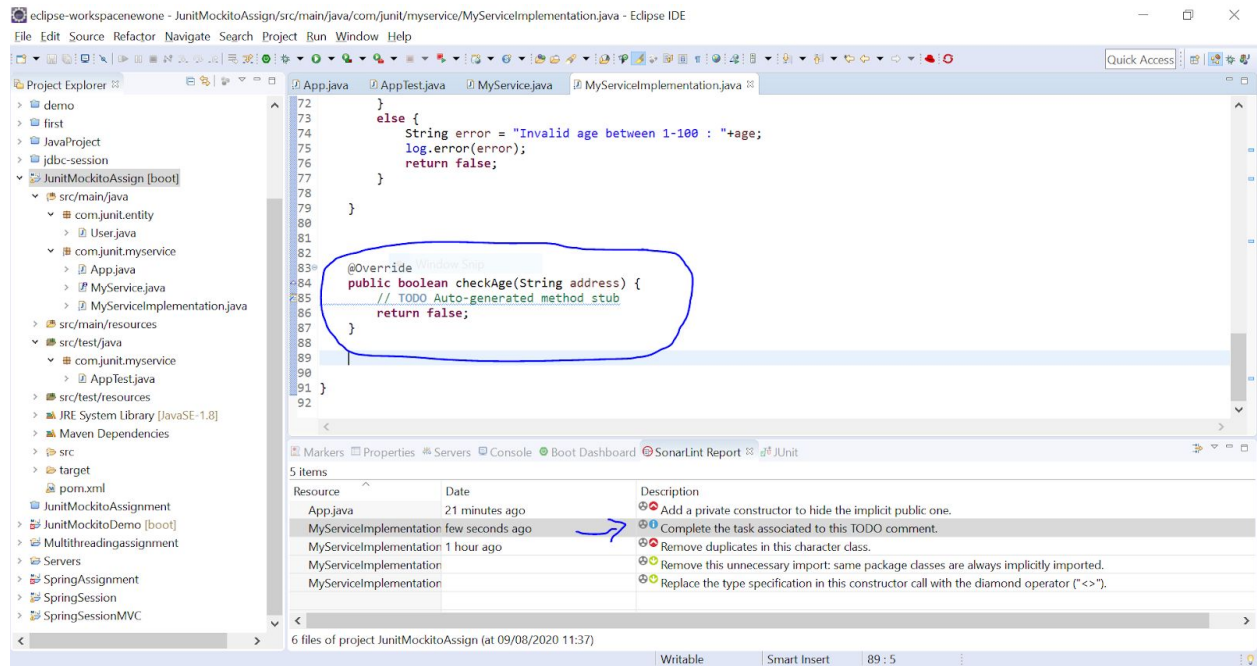
5 items

Resource	Date	Description
App.java	21 minutes ago	Add a private constructor to hide the implicit public one.
MyServiceImpl.java	few seconds ago	Complete the task associated to this TODO comment.
MyServiceImpl.java	1 hour ago	Remove duplicates in this character class.
MyServiceImpl.java		Remove this unnecessary import: same package classes are always implicitly imported.
MyServiceImpl.java		Replace the type specification in this constructor call with the diamond operator ("<>").

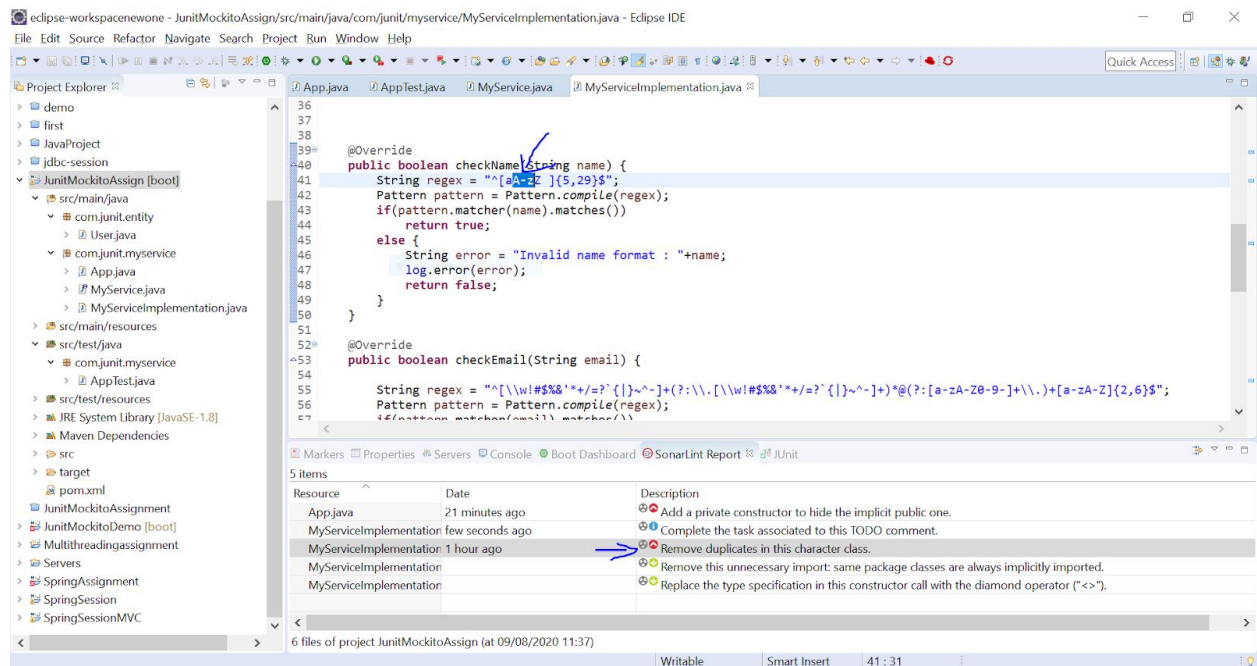
6 files of project JUnitMockitoAssign (at 09/08/2020 11:37)

Writable Smart Insert 12:52

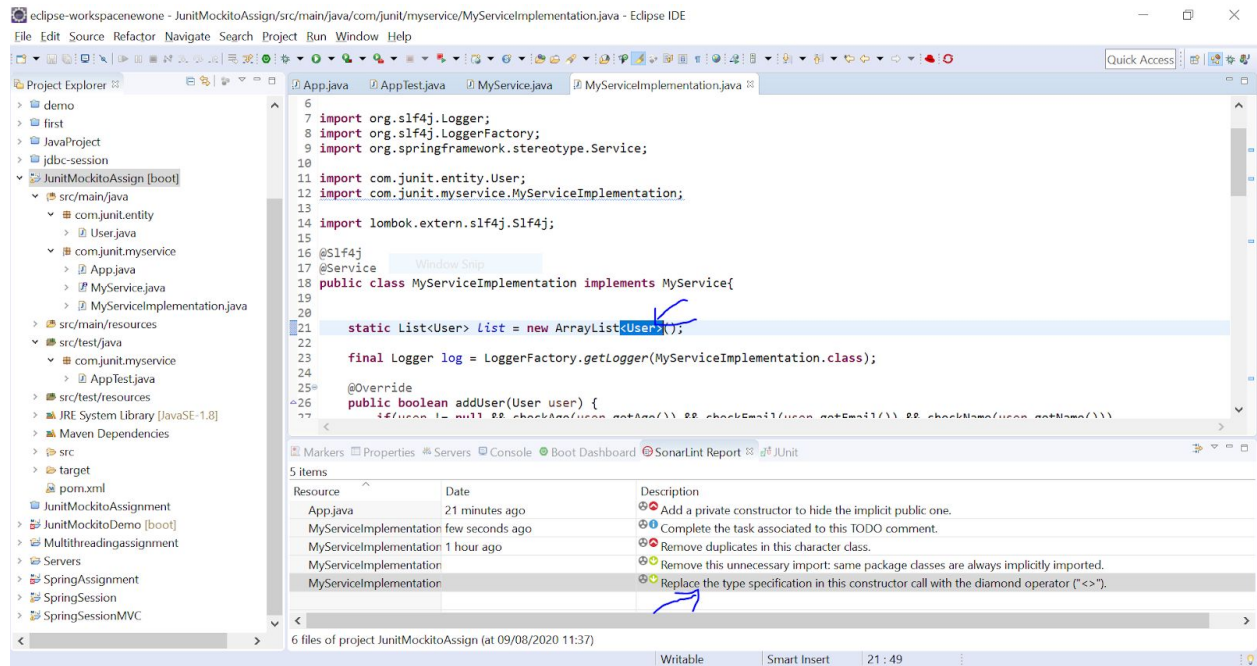
2. Todo



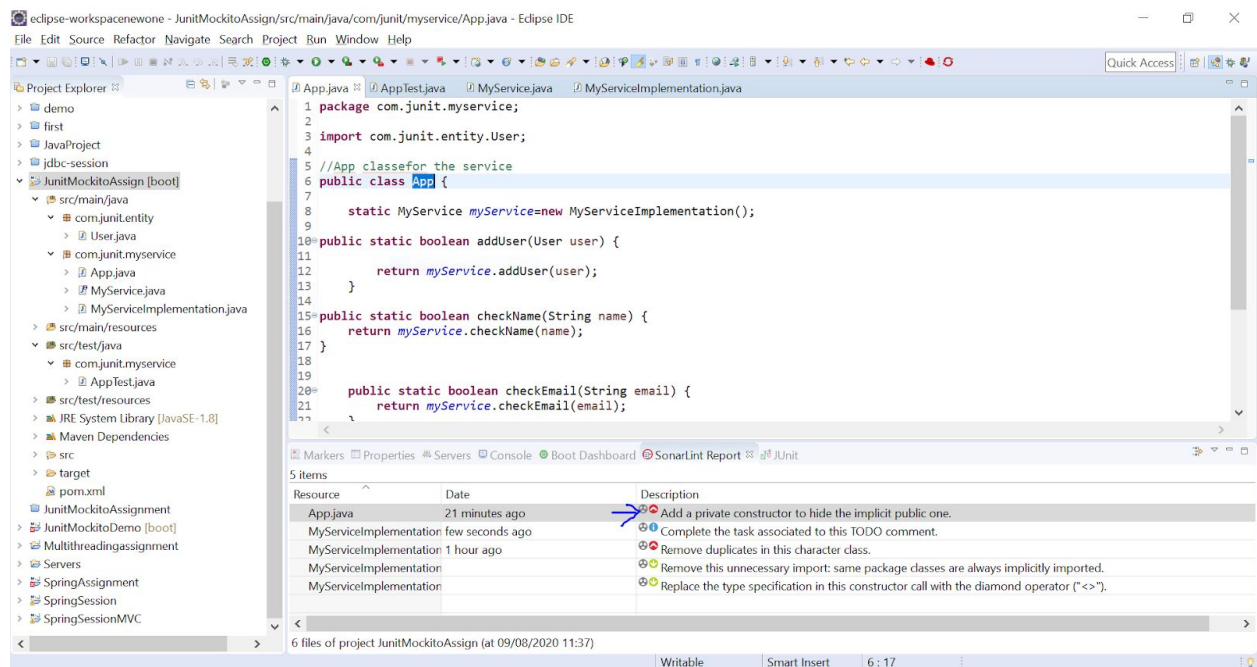
3. Remove Duplicates



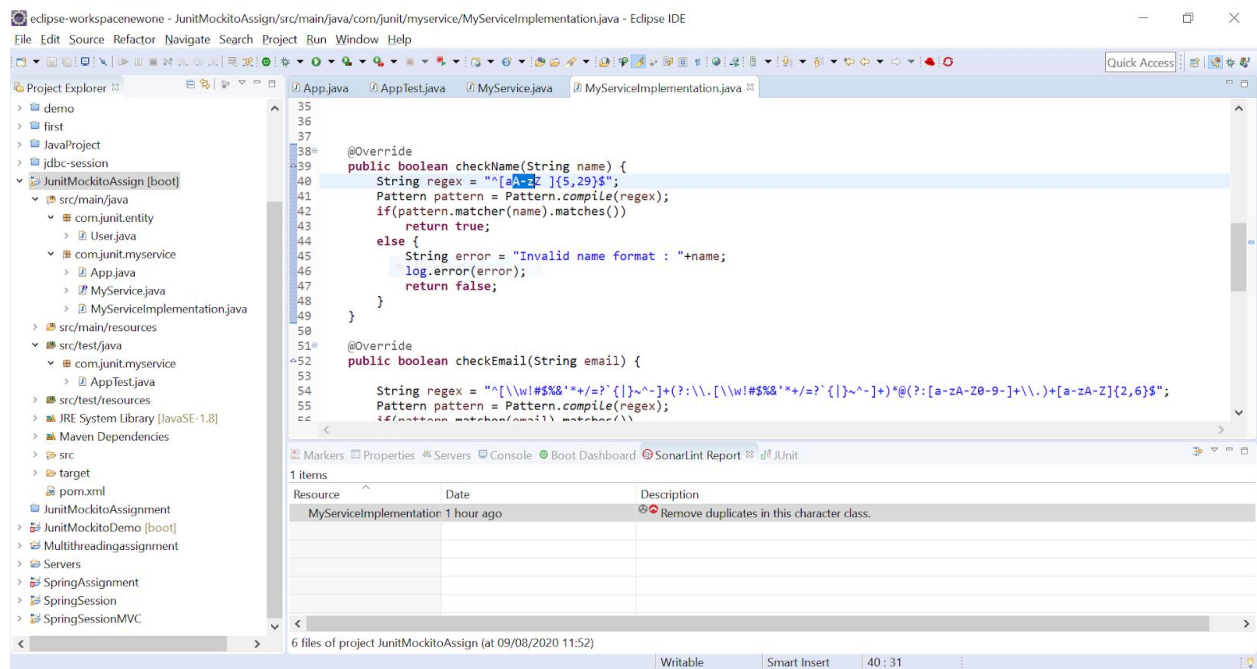
4. Extra use of Variable which can be overcome using only diamond operator<>



5. Add private constructor



6. Sonarlint Report After:



The screenshot shows the Eclipse IDE interface with the SonarLint report panel open. The report lists one item with a description: "Remove duplicates in this character class." The report is for the file MyServiceImpl.java, dated 1 hour ago.

Project Explorer (Left):

- demo
- first
- JavaProject
- jdbc-session
- JUnitMockitoAssign [boot]
 - src/main/java
 - com.junit.entity
 - User.java
 - com.junit.mysevice
 - App.java
 - MyService.java
 - MyServiceImpl.java
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 - pom.xml
- JUnitMockitoAssignment
- JUnitMockitoDemo [boot]
- Multithreadingassignment
- Servers
- SpringAssignment
- SpringSession
- SpringSessionMVC

Code Editor (Center):

```
35
36
37
38 @Override
39 public boolean checkName(String name) {
40     String regex = "[a-zA-Z]{5,29}$";
41     Pattern pattern = Pattern.compile(regex);
42     if(pattern.matcher(name).matches())
43         return true;
44     else {
45         String error = "Invalid name format : "+name;
46         log.error(error);
47         return false;
48     }
49 }
50
51 @Override
52 public boolean checkEmail(String email) {
53
54     String regex = "[\\w!#$%&'*/=?`{|}~^~]+(?:\\.([\\w!#$%&'*/=?`{|}~^~]+)*)@(?:[a-zA-Z0-9-]+\\.)+[a-zA-Z]{2,6}$";
55     Pattern pattern = Pattern.compile(regex);
56     if(pattern.matcher(email).matches())
```

SonarLint Report (Bottom):

Resource	Date	Description
MyServiceImpl.java	1 hour ago	Remove duplicates in this character class.

6 files of project JUnitMockitoAssign (at 09/08/2020 11:52)